

CATALOGUE OF CABLE AND WIRE PRODUCTS



ADMETOS Trading GmbH

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Admetos Trading GmbH

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Low voltage PVC Fixed Wiring & Mains Cables



Low voltage PVC Fixed Wiring & Mains Cables



H07V-R (6491X) PVC

Stranded plain annealed compacted circular copper conductor, PVC outer sheath. Manufactured to EN 50525-2-31, BS 6004:2012. 450/750 volts grade to BS EN 50525-2-3. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
HO7VR1/5	1.5	7/0.5	2.9	12.9	18.9
HO7VR2/5	2.5	13/0.5	3.6	20.9	29.3
HO7VR4	4	20/0.5	4.1	33.8	43.8
HO7VR6	6	30/0.5	4.8	50.9	62.5
HO7VR10	10	7/1.34	6.1	84.1	103
HO7VR16	16	7/1.67	7.01	138	166
HO7VR25	25	7/2.09	8.67	216	257
HO7VR35	35	7/2.46	9.78	299	347
HO7VR50	50	19/1.8	11.8	412	479
HO7VR70	70	19/2.12	13.4	591	669
HO7VR95	95	19/2.49	15.65	814	920
HO7VR120	120	37/2	17.2	1013	1130
HO7VR150	150	37/2.21	19.07	1249	1395
HO7VR185	185	37/2.46	21.22	1532	1712
HO7VR240	240	37/2.82	24.14	2034	2260
HO7VR300	300	37/3.2	27.2	2593	2872
HO7VR400	400	61/2.87	31.0	3438	3785
HO7VR500	500	61/3.2	34.4	4275	4689
HO7VR625	625	91/2.91	37.6	5273	5730
HO7VR800	800	91/3.3	40.8	6377	6875
HO7VR1000	1000	91/3.73	46.8	8571	9187

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor - + 70°C

Short-circuit temperature - + 150°C

Bending radius:
5 x overall diameter.

Standard colors available:
Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements

Low voltage PVC Fixed Wiring & Mains Cables



BARE COPPER STRAND

Stranded plain circular copper conductor, hard/soft, compacted/uncompact, non insulated, non sheathed. Sot drawn conductor according to BS EN 60228.

Hard drawn conductor according to BS 7884.

ECG Code	Conductor Size, (mm ²)	Stranding	Nominal overall diameter (mm)	Cu Weight (Kg/Km)
BC2-10	10	7/1.31	4	84.8
BC2-16	16	7/1.67	5.1	137.8
BC2-25	25	7/2.09	6.3	215.8
BC2-35	35	7/2.48	7.5	303.8
BC2-50	50	19/1.76	8.2	415.3
BC2-70	70	19/2.13	9.8	608
BC2-95	95	19/2.48	11.4	825
BC2-120	120	37/2.01	12.8	1055
BC2-150	150	37/2.21	14.4	1275
BC2-185	185	37/2.48	16.2	1606
BC2-240	240	37/2.84	19	2106
BC2-300	300	61/2.48	21	2661
BC2-400	400	61/2.85	26	3514
BC2-501	500	61/3.2	29	4451
BC2-630	630	91/2.95	33	5644
BC2-800	800	91/3.3	36	7097
BC2-1000	1000	91/3.71	41	8971



FLEXIBLE BARE COPPER STRAND

Flexible bare copper conductor, Class 5 and 6, according to EN 60228:2005.

ECG Code	Conductor Size, (mm ²)	Stranding	Nominal overall diameter (mm)	Cu Weight (Kg/Km)
BC5-00/5	0.5	15/0.198	0.92	4.16
BC5-00/75	0.75	23/0.198	1.1	6.37
BC5-01	1.0	30/0.198	1.3	8.31
BC5-01/5	1.5	30/0.238	1.6	12.1
BC5-02/5	2.5	50/0.238	2	20.2
BC5-04	4	50/0.3	2.6	32.1
BC5-06	6	74/0.3	3.4	47.6
BC5-10	10	73/0.4	4.5	83.2
BC5-16	16	119/0.4	6.0	135.7
BC5-025	25	182/0.4	7.5	215
BC5-035	35	252/0.4	8.5	287.3
BC5-50	50	371/0.4	10.5	423
BC5-70	70	342/0.5	12.5	609
BC5-95	95	456/0.5	14.1	826
BC5-120	120	589/0.5	16.5	1049
BC5-150	150	740/0.5	18.0	1318
BC5-185	185	851/0.5	19.3	1516
BC5-240	240	1184/0.5	22.8	2109
BC5-300	300	1443/0.5	25.5	2571
BC5-400	400	1850/0.5	29.4	3296
BC6-06	6	168/0.2	3.6	47.9
BC6-10	10	294/0.2	4.8	83.8
BC6-16	16	476/0.2	6.1	135.7
BC6-25	25	760/0.2	7.8	216.7
BC6-35	35	1010/0.2	8.7	287.9
BC6-50	50	665/0.3	10.5	427
BC6-70	70	950/0.3	12.6	609
BC6-95	95	1292/0.3	15.3	829
BC6-120	120	1636/0.3	17.1	1049
BC6-150	150	2072/0.3	18.3	1329
BC6-185	185	1369/0.4	19.6	1561
BC6-240	240	1850/0.4	23.6	2109
BC6-300	300	2257/0.4	25.2	2573

Low voltage PVC Fixed Wiring & Mains Cables



6181Y SURFACE WIRING CABLES PVC

Plain annealed stranded circular copper conductor, single core, PVC insulated, PVC sheathed. 300/500 volts to BS6004, 120mm rated at 600/1000 V. Flame propagation to BS EN 50265.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
6181Y1	1	1/1.13	4.5	8.8	28
6181Y1/5	1.5	1/1.38	5.1	12.92	36
6181Y2/5	2.5	1/1.78	6.0	20.91	51
6181Y4	4	7/0.85	6.8	33.8	75
6181Y6	6	7/1.04	7.4	50.9	98
6181Y10	10	7/1.35	8.8	84.1	150
6181Y16	16	7/1.7	10.5	137	220
6181Y25	25	7/2.14	12.5	215	340
6181Y35	35	7/2.52	13.5	298	440
6181Y50	50	19/1.78	14.38	412	540
6181Y70	70	19/2.14	15.3	590	750
6181Y95	95	19/2.52	17.7	814	1010
6181Y120	120	37/2.03	19.3	102	1250

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature:
+ 160°C

Bending radius:
4 x overall diameter
Standard colors available:
Brown/Grey or Blue/Grey.
Other colors are available according to customer requirements

Low voltage PVC Fixed Wiring & Mains Cables



6241-Y Twin and Earth PVC Cable

Plain annealed copper conductor, PVC insulated one core laid flat with an uninsulated circuit protective conductor and PVC sheathed.300/500V to BS 6004. Flame propagation to BS EN 50265

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
6241Y1	1	1/1.13	4.1 x 5.3	17.84	40.8
6241Y1/5	1.5	1/1.37	4.6 x 5.9	25.84	53.5

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature:
+ 160°C

Bending radius:
3 x overall diameter

Standard colors available:
Grey.

Other colors are available according to customer requirements



6242-Y Twin and Earth PVC Cable

Plain annealed copper conductor, PVC insulated two cores laid flat with an uninsulated circuit protective conductor and PVC sheathed.300/500V to BS 6004. Flame propagation to BS EN 50265

ECG Code	Number of cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
6242Y1	2	1	1/1.13	4.1x5.3	26.76	60.8
6242Y1/5	2	1.5	1/1.37	4.6x8.7	38.77	81.1
6242Y2/5	2	2.5	1/1.77	5.3x10.4	62.73	120.8
6242Y10	2	10	7/1.35	8.4x18.5	263.44	403.9
6242Y16	2	16	7/1.70	9.6x21.6	409.18	586.6

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature:
+ 160°C

Bending radius:
3 x overall diameter

Standard colors available:
Grey.

Other colors are available according to customer requirements



6243-Y Flat 3-core and Earth PVC Cable

Plain annealed copper conductor, PVC insulated three cores laid flat with an uninsulated circuit protective conductor and PVC sheathed.300/500V to BS 6004. Flame propagation to BS EN 50265

ECG Code	Number of cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
6243Y1	3	1	1/1.13	4.1x9.9	35.68	81.5
6243Y1/5	3	1.5	1/1.37	4.6x11.4	51.69	109.2
6243Y2/5	3	2.5	1/1.77	5.3x13.7	83.64	162.8
6243Y10	3	10	7/1.35	8.4x24.5	351.26	543.7
6243Y16	3	16	7/1.70	9.6x28.6	545.57	788.2

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature:
+ 160°C

Bending radius:
3 x overall diameter

Standard colors available:
Grey.

Other colors are available according to customer requirements



H07V-U PVC

Solid annealed copper conductor, PVC outer sheath. Manufactured to EN 50525-2-3, BS 6004:2012. 450/750 volts grade to BS EN 50525-2-3. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H07VU1/5	1.5	1/1,37	2.76	12.92	18.90
H07VU2/5	2.5	1/1,77	3.33	20.91	29.30
H07VU4	4	1/2,2	3.8	33.81	43.76
H07VU6	6	1/2,7	4.3	50.93	62.54
H07VU10	10	1/3,48	5.47	84.12	102.65

Temperature limits:
- 15°C - + 70°C

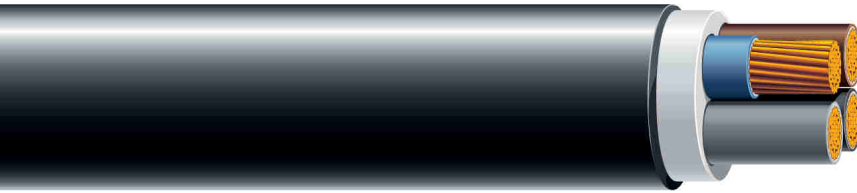
Max. temperature of conductor - + 70°C

Short-circuit temperature - + 150°C

Bending radius:
10 x overall diameter.

Standard colors available:
Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements

Low voltage PVC Fixed Wiring & Mains Cables



NY Y PVC NON-ARMORED CABLE

Solid plain copper conductors, PVC insulated, PVC filler, PVC outer sheath. Black. 600/1000 volts grade to IEC60502-1, DIN VDE 0276-603:2010-03 and HD 603 S1:1994/A3:2007. For installation indoors and outdoors as underground, or in cable ducts, installations with additional protection where mechanical damage is unexpected.

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NY Y1X1/5RE	1	1.5	1/1.36	5.76	12.92	48.8
NY Y1X2/5RE	1	2.5	1/1.73	6.13	20.91	60.45
NY Y1X4RE	1	4	1/2.2	7	33.81	83.96
NY Y1X6RE	1	6	1/2.7	7.5	50.93	106.44
NY Y1X10RE	1	10	7/1.31	8.27	84.12	147.89
NY Y1X16RM	1	16	7/1.67	9.81	137.73	221.26
NY Y1X25RM	1	25	7/2.09	11.47	215.72	324.01
NY Y1X35RM	1	35	7/2.48	12.58	298.86	420.7
NY Y1X50RM	1	50	19/1.76	14.27	412.27	563.25
NY Y1X70RM	1	70	19/2.13	16.4	590.4	774.21
NY Y1X95RM	1	95	19/2.48	18.85	814.47	1049.58
NY Y1X120RM	1	120	37/2.01	26.4	1029.89	1397.04
NY Y1X150RM	1	150	37/2.21	22.47	1249.42	1561.1
NY Y1X185RM	1	185	37/2.48	24.82	1548.08	1923.02
NY Y1X240RM	1	240	37/2.84	27.74	2034.33	2480.02
NY Y1X300RM	1	300	61/2.48	31.2	2619.53	3172.99
NY Y1X400RM	1	400	61/2.85	35.23	3473.88	4147.34
NY Y1X500RM	1	500	61/3.2	38.8	4318.68	5111.83
NY Y1X625RM	1	625	91/2.95	42.21	5436.54	6324.81
NY Y1X800RM	1	800	91/3.3	46.9	6991.4	8026.28
NY Y2X1/5RE	2	1.5	1/1.36	9.52	26.28	121.2
NY Y2X2/5RE	2	2.5	1/1.73	10.26	42.53	150.91
NY Y2X4RE	2	4	1/2.2	12	68.78	215.24
NY Y2X6RE	2	6	1/2.7	13	103.59	271.96
NY Y2X10RE	2	10	7/1.31	14.54	171.11	375.37

Temperature limits:
- 20°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 160°C

Bending radius:
- single-core cables: 15 x overall diameter.
- multi-core cables: 12 x overall diameter.
Colors available: Black.

Core Identification:
- 2 cores: Brown – Blue
- 3 cores: Green/Yellow – Brown – Blue
- 4 cores: Green/ Yellow – Grey – Black – Brown
- 5 cores: Green/Yel low – Grey – Black – Brown – Blue

Low voltage PVC Fixed Wiring & Mains Cables

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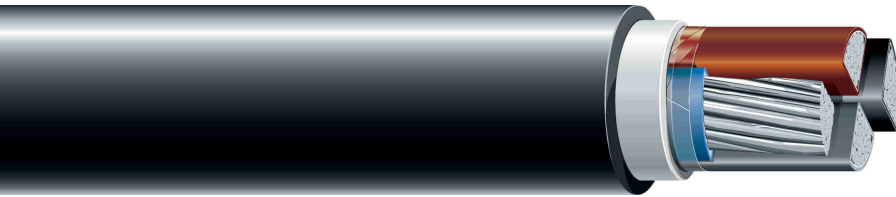
ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NY Y2X16RM	2	16	7/1.67	20.02	280.14	659.64
NY Y2X25RM	2	25	7/2.09	23.34	438.77	949.24
NY Y2X35RM	2	35	7/2.48	25.56	607.87	1206.56
NY Y2X50RM	2	50	19/1.76	29.14	838.96	1611.77
NY Y2X70RM	2	70	19/2.13	33.8	1200.87	2213.14
NY Y2X95RM	2	95	19/2.48	38.3	1656.63	2936.81
NY Y2X120RM	2	120	37/2.01	41.6	2081.3	3564.81
NY Y2X150RM	2	150	37/2.21	45.54	2541.31	4313.93
NY Y2X185RM	2	185	37/2.48	49.84	3148.79	5253.22
NY Y2X240RM	2	240	37/2.84	56.68	4137.82	6842.95
NY Y3X1/5RE	3	1.5	1/1.36	9.98	39.43	141.27
NY Y3X2/5RE	3	2.5	1/1.73	10.77	63.8	179.75
NY Y3X4RE	3	4	1/2.2	12.65	103.17	260.26
NY Y3X6RE	3	6	1/2.7	13.72	155.39	335.1
NY Y3X10RE	3	10	7/1.31	15.38	256.66	472.91
NY Y3X16RM	3	16	7/1.67	21.1	420.21	822.18
NY Y3X25RM	3	25	7/2.09	24.68	658.15	1197.56
NY Y3X35RM	3	35	7/2.48	27.07	911.81	1539.37
NY Y3X50RM	3	50	19/1.76	30.91	1258.44	2067.3
NY Y3X70RM	3	70	19/2.13	36.06	1801.31	2865.41
NY Y3X95RM	3	95	19/2.48	40.88	2484.94	3820.89
NY Y3X120RM	3	120	37/2.01	44.42	3121.94	4657.76
NY Y3X150RM	3	150	37/2.21	48.65	3811.97	5644.88
NY Y3X185RM	3	185	37/2.48	53.25	4723.19	6889.44
NY Y3X240RM	3	240	37/2.84	60.54	6206.74	8982.01
NY Y4X1/5RE	4	1.5	1/1.36	10.75	52.57	167.38
NY Y4X2/5RE	4	2.5	1/1.73	11.64	85.06	215.89
NY Y4X4RE	4	4	1/2.2	13.74	137.56	315.98
NY Y4X6RE	4	6	1/2.7	14.95	207.19	411.16
NY Y4X10RE	4	10	7/1.31	16.8	342.22	587.19
NY Y4X16RM	4	16	7/1.67	22.92	560.28	1021.1
NY Y4X25RM	4	25	7/2.09	26.93	877.54	1498.54
NY Y4X35RM	4	35	7/2.48	29.81	1215.75	1950.22
NY Y4X50RM	4	50	19/1.76	34.09	1677.91	2625.04
NY Y4X70RM	4	70	19/2.13	39.75	2401.75	3639.41
NY Y4X95RM	4	95	19/2.48	45.1	3313.25	4863.73
NY Y4X120RM	4	120	37/2.01	49.04	4162.59	5940.25
NY Y4X150RM	4	150	37/2.21	53.95	5082.63	7229.89
NY Y4X185RM	4	185	37/2.48	59.66	6297.58	8900.21
NY Y4X240RM	4	240	37/2.84	67.11	8275.65	11510
NY Y5X1/5RE	5	1.5	1/1.36	11.59	65.71	195.04
NY Y5X2/5RE	5	2.5	1/1.73	12.59	106.33	253.9

We reserve the right to make technical alterations and misprint without prior notice.

Low voltage PVC Fixed Wiring & Mains Cables

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ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NY5X4RE	5	4	1/2.2	14.94	171.95	374.42
NY5X6RE	5	6	1/2.7	16.29	258.99	490.52
NY5X10RE	5	10	7/1.31	18.37	427.77	705.77
NY5X16RM	5	16	7/1.67	24.93	700.35	1238.14
NY5X25RM	5	25	7/2.09	29.61	1096.92	1839.25
NY5X35RM	5	35	7/2.48	32.81	1519.69	2397.67
NY5X50RM	5	50	19/1.76	37.77	2097.39	3248.58
NY5X70RM	5	70	19/2.13	43.98	3002.18	4499.13
NY5X95RM	5	95	19/2.48	49.92	4141.56	6015.67
NY5X120RM	5	120	37/2.01	54.3	5203.24	7351.22
NY5X150RM	5	150	37/2.21	59.75	6353.28	8947.55
NY5X185RM	5	185	37/2.48	66.01	7871.98	11007.94
NY5X185RM	5	185	37/2.84	66.01	7871.98	11007.94
NY5X240RM	5	240	1/1.36	74.9	10344.56	14336.51
NY3X4+1X2/5RE	3+E	4	1/1.73	13.74	124.4	305.1
NY3X6+1X4RE	3+E	6	1/2.2	14.95	189.8	396.53
NY3X10+1X6RE	3+E	10	1/2.7	16.8	308.5	558.79
NY3X16+1X10RM	3+E	16	7/1.67	22.92	505.8	977.92
NY3X25+1X16RM	3+E	25	7/2.09	26.93	798.23	1433.76
NY3X35+1X16RM	3+E	35	7/2.48	29.81	1051.88	1816.4
NY3X50+1X25RM	3+E	50	19/1.76	34.09	1477.82	2461.25
NY3X70+1X35RM	3+E	70	19/2.13	39.75	2105.25	3404.15
NY3X95+1X70RM	3+E	95	19/2.48	45.1	3085.38	4681.2
NY3X120+1X70RM	3+E	120	37/2.01	49.04	3722.38	5589.59
NY3X150+1X70RM	3+E	150	37/2.21	54.15	4412.41	6716.03
NY3X185+1X95RM	3+E	185	37/2.48	59.26	5551.5	8258.17
NY3X240+1X120RM	3+E	240	37/2.84	67.11	7247.38	10677.08
NY4X50SM	4	50	19/1.76	29.3	2144.25	2422.91
NY4X70SM	4	70	19/2.13	34.1	3045.98	3 175.83
NY4X95SM	4	95	19/2.48	38.7	4092.45	4 301.96
NY4X120SM	4	120	37/2.01	42.9	5064.91	5 276.02
NY4X150SM	4	150	37/2.21	46.9	6149.35	6 420.36
NY4X185SM	4	185	37/2.48	52.1	7574.78	7 877.81
NY4X240SM	4	240	37/2.84	60.3	9891.74	10 246.19



NAYY ALUMINUM CORE PVC NON-ARMORED CABLE

Solid plain aluminium conductors, PVC insulated, PVC filler, PVC outer sheath. Black. 600/1000 volts grade to HD 603 S1, IEC 60502-1. For installation indoors and outdoors as underground, or in cable ducts, installations with additional protection where mechanical damage is unexpected.

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Al Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYY1X2/5RE	1	2.5	1/1.73	6.1	6.3	46
NAYY1X4RE	1	4	1/2.17	7	9.9	60
NAYY1X6RE	1	6	1/2.67	7.5	14.9	70
NAYY1X10RE	1	10	1/3.45	8.3	25.2	89
NAYY1X16RE	1	16	7/1.67	9.8	42.2	126
NAYY1X25RM	1	25	7/2.09	11.5	66.1	174
NAYY1X35RM	1	35	7/2.46	12.6	91.6	213
NAYY1X50RM	1	50	7/2.85	14.2	122.9	272
NAYY1X70RM	1	70	19/2.09	16.3	175.8	358
NAYY1X95RM	1	95	19/2.49	18.9	249.6	485
NAYY1X120RM	1	120	19/2.8	26.4	315.6	683
NAYY1X150RM	1	150	37/2.21	22.5	382.9	695
NAYY1X185RM	1	185	37/2.46	24.8	474.4	849
NAYY1X240RM	1	240	37/2.82	27.7	623.4	1069
NAYY1X300RM	1	300	37/3.2	31.2	802.7	1356
NAYY1X400RM	1	400	61/2.87	35.2	1064.5	1738
NAYY1X500RM	1	500	61/3.2	38.8	1323.4	2117
NAYY1X625RM	1	625	91/2.91	42.2	1665.9	2554
NAYY1X800RM	1	800	91/3.3	46.9	2142.4	3177
NAYY1X1000RM	1	1000	91/3.71	52	2707.8	3928
NAYY2X2/5RE	2	2.5	1/1.73	10.3	12.9	121
NAYY2X4RE	2	4	1/2.17	11.9	20.3	165
NAYY2X6RE	2	6	1/2.67	12.9	30.3	196
NAYY2X10RE	2	10	1/3.45	14.5	51.3	255
NAYY2X16RE	2	16	7/1.67	20	85.9	465
NAYY2X25RM	2	25	7/2.09	23.3	134.5	645

Temperature limits:

- 20°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 160°C

Bending radius:

- single-core cables:

15 x overall diameter.

- multi-core cables:

12 x overall diameter.

Colors available: Black.

Core Identification:

- 2 cores: Brown – Blue

- 3 cores: Green/Yellow – Brown – Blue

- 4 cores: Green/Yel

low – Grey – Black – Brown

- 5 cores: Green/Yel low – Grey – Black – Brown – Blue

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Al Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYY2X35RM	2	35	7/2.46	25.6	186.3	785
NAYY2X50RM	2	50	7/2.85	28.9	250	1012
NAYY2X70RM	2	70	19/2.09	33.5	357.7	1354
NAYY2X95RM	2	95	19/2.49	38.1	499.5	1768
NAYY2X120RM	2	120	19/2.8	41.6	637.8	2121
NAYY2X150RM	2	150	37/2.21	45.5	778.8	2551
NAYY2X185RM	2	185	37/2.46	49.8	964.9	3069
NAYY2X240RM	2	240	37/2.82	56.7	1267.9	3973
NAYY2X300RM	2	300	37/3.2	64.4	1632.7	5132
NAYY2X400RM	2	400	61/2.87	72.7	2165.2	6564
NAYY3X2/5RE	3	2.5	1/1.73	10.8	19.4	135
NAYY3X4RE	3	4	1/2.17	12.6	30.5	186
NAYY3X6RE	3	6	1/2.67	13.6	45.4	223
NAYY3X10RE	3	10	1/3.45	15.3	76.9	292
NAYY3X16RE	3	16	7/1.67	21.1	128.8	531
NAYY3X25RM	3	25	7/2.09	24.7	201.7	741
NAYY3X35RM	3	35	7/2.46	27.1	279.4	907
NAYY3X50RM	3	50	7/2.85	30.6	375	1173
NAYY3X70RM	3	70	19/2.09	35.7	536.5	1585
NAYY3X95RM	3	95	19/2.49	40.7	749.3	2074
NAYY3X120RM	3	120	19/2.8	44.4	956.7	2492
NAYY3X150RM	3	150	37/2.21	48.6	1168.1	3001
NAYY3X185RM	3	185	37/2.46	53.2	1447.4	3614
NAYY3X240RM	3	240	37/2.82	60.5	1901.9	4677
NAYY3X300RM	3	300	37/3.2	69	2449.1	6072
NAYY3X400RM	3	400	61/2.87	77.8	3247.9	7772
NAYY4X2/5RE	4	2.5	1/1.73	11.6	25.8	157
NAYY4X4RE	4	4	1/2.17	13.7	40.6	218
NAYY4X6RE	4	6	1/2.67	14.8	60.6	262
NAYY4X10RE	4	10	1/3.45	16.8	102.6	347
NAYY4X16RE	4	16	7/1.67	22.9	171.7	633
NAYY4X25RM	4	25	7/2.09	26.9	268.9	890
NAYY4X35RM	4	35	7/2.46	29.8	372.6	1107
NAYY4X50RM	4	50	7/2.85	33.8	500	1435
NAYY4X70RM	4	70	19/2.09	39.4	715.3	1935
NAYY4X95RM	4	95	19/2.49	44.9	999.1	2537
NAYY4X120RM	4	120	19/2.8	49	1275.6	3053
NAYY4X150RM	4	150	37/2.21	54	1557.5	3705
NAYY4X185RM	4	185	37/2.46	59.7	1929.8	4532
NAYY4X240RM	4	240	37/2.82	67.1	2536	5770
NAYY4X300RM	4	300	37/3.2	72.2	3265.4	7107
NAYY5X2/5RE	5	2.5	1/1.73	12.6	32.3	180

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	AI Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYY5X4RE	5	4	1/2.17	14.9	50.8	252
NAYY5X6RE	5	6	1/2.67	16.2	75.7	304
NAYY5X10RE	5	10	1/3.45	18.3	128.3	405
NAYY5X16RE	5	16	7/1.67	24.9	214.6	752
NAYY5X25RM	5	25	7/2.09	29.6	336.1	1078
NAYY5X35RM	5	35	7/2.46	32.8	465.7	1344
NAYY5X50RM	5	50	7/2.85	37.4	625.1	1761
NAYY5X70RM	5	70	19/2.09	43.6	894.1	2370
NAYY5X95RM	5	95	19/2.49	49.6	1248.8	3107
NAYY5X120RM	5	120	19/2.8	54.3	1594.46	3742
NAYY5X150RM	5	150	37/2.21	59.7	1946.9	4541
NAYY5X185RM	5	185	37/2.46	66	2412.3	5548
NAYY5X240RM	5	240	37/2.82	74.9	3169.9	7162
NAYY3X4+1X2/5RE	3+E	4	1/2.17	13.7	36.9	216
NAYY3X6+1X4RE	3+E	6	1/2.67	14.8	55.6	260
NAYY3X10+1X6RE	3+E	10	1/3.45	16.8	92.1	341
NAYY3X16+1X10RE	3+E	16	7/1.67	22.9	154.4	627
NAYY3X25+1X10RM	3+E	25	7/2.09	26.9	227.3	874
NAYY3X25+1X16RM	3+E	35	7/2.09	26.9	244.6	880
NAYY3X35+1X16RM	3+E	35	7/2.46	29.8	322.3	1087
NAYY3X35+1X25RM	3+E	35	7/2.46	29.8	346.6	1096
NAYY3X50+1X25RM	3+E	50	7/2.85	33.8	442.3	1411
NAYY3X50+1X35RM	3+E	50	7/2.85	33.8	468.2	1422
NAYY3X70+1X25RM	3+E	70	19/2.09	39.4	603.7	1897
NAYY3X70+1X35RM	3+E	70	19/2.09	39.4	629.6	1907
NAYY3X70+1X50RM	3+E	70	19/2.09	39.4	661.5	1916
NAYY3X95+1X35RM	3+E	95	19/2.49	44.9	842.4	2484
NAYY3X95+1X50RM	3+E	95	19/2.49	44.9	874.3	2492
NAYY3X95+1X70RM	3+E	95	19/2.49	44.9	928.1	2512
NAYY3X120+1X35RM	3+E	120	19/2.8	49	1049.8	2978
NAYY3X120+1X50RM	3+E	120	19/2.8	49	1081.7	2987
NAYY3X120+1X70RM	3+E	120	19/2.8	49	1135.5	3002
NAYY3X120+1X95RM	3+E	120	19/2.8	49	1206.4	3023
NAYY3X150+1X35RM	3+E	150	37/2.21	54.2	1261.2	3603
NAYY3X150+1X50RM	3+E	150	37/2.21	54.2	1293.1	3634
NAYY3X150+1X70RM	3+E	150	37/2.21	54.2	1346.9	3649
NAYY3X185+1X35RM	3+E	185	37/2.46	59.3	1540.5	4352
NAYY3X185+1X95RM	3+E	185	37/2.46	59.3	1697.1	4398
NAYY3X185+1X50RM	3+E	185	37/2.46	59.3	1572.4	4361
NAYY3X185+1X70RM	3+E	185	37/2.46	59.3	1626.2	4326
NAYY3X185+1X120RM	3+E	185	37/2.46	59.3	1766.2	4418
NAYY3X240+1X50RM	3+E	240	37/2.82	67.1	2027	5594

We reserve the right to make technical alterations and misprint without prior notice.

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Al Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYY3X240+1X120RM	3+E	240	37/2.82	67.1	2220.9	5651
NAYY3X240+1X150RM	3+E	240	37/2.82	67.1	2291.3	5672
NAYY4X4+1X2/5RE	4+E	4	1/2.17	14.9	47.1	250
NAYY4X6+1X4RE	4+E	6	1/2.67	16.2	71.1	302
NAYY4X6+1X2/5RE	4+E	6	1/2.67	16.2	67	300
NAYY4X10+1X6RE	4+E	10	1/3.45	18.3	117.8	400
NAYY4X10+1X4RE	4+E	10	1/3.45	18.3	112.8	398
NAYY4X16+1X10RE	4+E	16	7/1.67	24.9	197.3	728
NAYY4X16+1X6RE	4+E	16	7/1.67	24.9	186.8	742
NAYY4X25+1X16RM	4+E	25	7/2.09	29.6	311.8	1069
NAYY4X25+1X10RM	4+E	25	7/2.09	29.6	294.6	1063
NAYY4X35+1X16RM	4+E	35	7/2.46	32.8	415.5	1324
NAYY4X50+1X25RM	4+E	50	7/2.85	37.4	567.3	1738
NAYY4X50+1X16RM	4+E	50	7/2.85	37.4	543	1729
NAYY4X70+1X25RM	4+E	70	19/2.09	43.6	782.5	2332
NAYY4X70+1X35RM	4+E	70	19/2.09	43.6	808.4	2342
NAYY4X70+1X50RM	4+E	70	19/2.09	43.6	840.3	2355
NAYY4X95+1X35RM	4+E	95	19/2.49	49.6	1092.2	3054
NAYY4X95+1X50RM	4+E	95	19/2.49	49.6	1124.1	3067
NAYY4X95+1X70RM	4+E	95	19/2.49	49.6	1177.9	3082
NAYY4X120+1X70RM	4+E	120	19/2.8	54.5	1454.4	3717
NAYY4X120+1X35RM	4+E	120	19/2.8	54.5	1368.7	3689
NAYY4X150+1X70RM	4+E	150	37/2.21	59.9	1736.3	4493
NAYY4X150+1X50RM	4+E	150	37/2.21	59.9	1682.5	4478
NAYY4X185+1X95RM	4+E	185	37/2.46	66	2179.6	5469
NAYY4X185+1X50RM	4+E	185	37/2.46	66	2054.8	5429
NAYY4X185+1X120RM	4+E	185	37/2.46	66	2248.7	5492
NAYY4X240+1X185RM	4+E	240	37/2.82	74.9	3018.4	7111



N2XY XLPE INSULATED CABLE

Plain annealed stranded compacted circular copper conductor, single and multiply core, XLPE insulated, PVC outer sheath. 600/1000 volts. Manufactured to HD603 S1; IEC 60502-1-2.

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XY1X10RE	1	10	7/1.31	10.1	84	188
N2XY1X16RM	1	16	7/1.67	11.6	138	266
N2XY1X25RM	1	25	7/2.09	13.3	216	374
N2XY1X35RM	1	35	7/2.48	14.4	299	475
N2XY1X50RM	1	50	19/1.76	16.1	408	619
N2XY1X70RM	1	70	19/2.13	18.2	590	840
N2XY1X95RM	1	95	19/2.48	20.3	814	1105
N2XY1X120RM	1	120	37/2.01	22.2	1030	1366
N2XY1X150RM	1	150	37/2.21	24.1	1249	1630
N2XY1X185RM	1	185	37/2.48	26.4	1548	1994
N2XY1X240RM	1	240	37/2.84	29.3	2034	2556
N2XY1X300RM	1	300	61/2.48	33.0	2620	3274
N2XY1X400RM	1	400	61/2.85	37.2	3474	4270
N2XY1X500RM	1	500	61/3.2	40.8	4319	5238
N2XY1X625RM	1	630	91/2.95	44.6	5437	6493
N2XY1X800RM	1	800	91/3.3	49.7	6991	8247
N2XY1X1000RM	1	1000	91/3.71	55.2	8932	10418
N2XY2X1/5RE	2	1.5	1/1.36	11.5	26	180
N2XY2X2/5RE	2	2.5	1/1.73	12.3	43	214
N2XY2X4RE	2	4	1/2.2	13.2	69	264
N2XY2X6RE	2	6	1/2.7	14.2	104	326
N2XY2X10RE	2	10	7/1.31	15.7	171	438
N2XY2X16RM	2	16	7/1.67	18.8	280	648
N2XY2X25RM	2	25	7/2.09	22.1	439	935
N2XY2X35RM	2	35	7/2.48	24.4	608	1194
N2XY2X50RM	2	50	19/1.76	27.3	831	1554
N2XY2X70RM	2	70	19/2.13	32.6	1201	2220

Temperature limits:

- 20°C - + 70°C

Max. temperature of conductor: + 90°C

Short-circuit temperature:

- For cross-sections up to 300mm - + 160°C

- For cross-section over 300mm - + 140°C

Bending radius:

- single-core cables:
15 x overall diameter.

- multi-core cables:
12 x overall diameter.

Colors available: Black.

Core Identification:

- 2 cores: Brown – Blue

- 3 cores: Green/Yel

low – Brown – Blue

- 4 cores: Green/Yel

low – Grey – Black –

Brown

- 5 cores: Green/Yel

low – Grey – Black –

Brown – Blue

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XY2X95RM	2	95	19/2.48	36.5	1657	2904
N2XY2X120RM	2	120	37/2.01	40.4	2081	3594
N2XY2X150RM	2	150	37/2.21	44.3	2541	4351
N2XY2X185RM	2	185	37/2.48	48.8	3149	5326
N2XY2X240RM	2	240	37/2.84	54.9	4138	6856
N2XY2X400RM	2	400	61/2.85	69.7	7066	11361
N2XY3X1/5RE	3	1.5	1/1.36	11.9	39	200
N2XY3X2/5RE	3	2.5	1/1.73	12.7	64	243
N2XY3X4RE	3	4	1/2.2	13.8	103	307
N2XY3X6RE	3	6	1/2.7	14.8	155	387
N2XY3X10RE	3	10	7/1.31	16.5	257	532
N2XY3X16RM	3	16	7/1.67	19.8	420	797
N2XY3X25RM	3	25	7/2.09	23.4	658	1164
N2XY3X35RM	3	35	7/2.48	25.8	912	1505
N2XY3X50RM	3	50	19/1.76	29.2	1246	1986
N2XY3X70RM	3	70	19/2.13	34.8	1801	2837
N2XY3X95RM	3	95	19/2.48	39.0	2485	3740
N2XY3X120RM	3	120	37/2.01	42.9	3122	4617
N2XY3X150RM	3	150	37/2.21	47.4	3812	5621
N2XY3X185RM	3	185	37/2.48	52.2	4723	6893
N2XY3X240RM	3	240	37/2.84	58.8	6207	8927
N2XY4X1/5RE	4	1.5	1/1.36	12.7	53	230
N2XY4X2/5RE	4	2.5	1/1.73	13.6	85	284
N2XY4X4RE	4	4	1/2.2	14.7	138	365
N2XY4X6RE	4	6	1/2.7	15.9	207	466
N2XY4X10RE	4	10	7/1.31	17.8	342	651
N2XY4X16RM	4	16	7/1.67	21.5	560	985
N2XY4X25RM	4	25	7/2.09	25.5	878	1453
N2XY4X35RM	4	35	7/2.48	28.4	1216	1903
N2XY4X50RM	4	50	19/1.76	32.8	1661	2571
N2XY4X70RM	4	70	19/2.13	38.3	2402	3599
N2XY4X95RM	4	95	19/2.48	43.0	3313	4762
N2XY4X120RM	4	120	37/2.01	47.6	4163	5910
N2XY4X150RM	4	150	37/2.21	52.5	5083	7197
N2XY4X185RM	4	185	37/2.48	58.1	6298	8865
N2XY4X240RM	4	240	37/2.84	65.7	8276	11515
N2XY5X1/5RE	5	1.5	1/1.36	13.5	66	264
N2XY5X2/5RE	5	2.5	1/1.73	14.5	106	329
N2XY5X4RE	5	4	1/2.2	15.7	172	428
N2XY5X6RE	5	6	1/2.7	17.1	259	552
N2XY5X10RE	5	10	7/1.31	19.1	428	780

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XY5X16RM	5	16	7/1.67	23.3	700	1191
N2XY5X25RM	5	25	7/2.09	28.0	1097	1781
N2XY5X35RM	5	35	7/2.48	31.2	1520	2338
N2XY5X50RM	5	50	19/1.76	36.0	2077	3158
N2XY5X70RM	5	70	19/2.13	42.2	3002	4430
N2XY5X95RM	5	95	19/2.48	47.6	4142	5894
N2XY5X120RM	5	120	37/2.01	52.7	5203	7318
N2XY5X150RM	5	150	37/2.21	58.1	6353	8916
N2XY5X185RM	5	185	37/2.48	64.9	7872	11079
N2XY5X240RM	5	240	37/2.84	72.7	10345	14260
N2XY2X2/5+1X1/5RE	2+E	2.5	1/1.73	12.7	56	237
N2XY2X10+1X4RE	2+E	10	7/1.31	16.5	205	492
N2XY2X10+1X6RE	2+E	10	7/1.31	16.5	223	506
N2XY3X2/5+1X1/5RE	3+E	2.5	1/1.73	13.6	77	278
N2XY3X4+1X2/5RE	3+E	4	1/2.2	14.7	124	355
N2XY3X6+1X4RE	3+E	6	1/2.7	15.9	190	452
N2XY3X10+1X6RE	3+E	10	7/1.31	17.8	308	625
N2XY3X16+1X10RM	3+E	16	7/1.67	21.5	506	948
N2XY3X25+1X10RM	3+E	25	7/2.09	25.5	744	1360
N2XY3X25+1X16RM	3+E	25	7/2.09	25.5	798	1396
N2XY3X35+1X16RM	3+E	35	7/2.48	28.4	1052	1784
N2XY3X35+1X25RM	3+E	35	7/2.48	28.4	1131	1840
N2XY3X50+1X25RM	3+E	50	19/1.76	32.8	1463	2425
N2XY3X50+1X35RM	3+E	50	19/1.76	32.8	1547	2487
N2XY3X70+1X25RM	3+E	70	19/2.13	38.3	2021	3325
N2XY3X70+1X35RM	3+E	70	19/2.13	38.3	2105	3388
N2XY3X70+1X50RM	3+E	70	19/2.13	38.3	2221	3473
N2XY3X95+1X35RM	3+E	95	19/2.48	43.0	2789	4383
N2XY3X95+1X50RM	3+E	95	19/2.48	43.0	2904	4467
N2XY3X95+1X70RM	3+E	95	19/2.48	43.0	3085	4593
N2XY3X120+1X35RM	3+E	120	37/2.01	47.6	3426	5379
N2XY3X120+1X50RM	3+E	120	37/2.01	47.6	3541	5463
N2XY3X120+1X70RM	3+E	120	37/2.01	47.6	3722	5590
N2XY3X120+1X95RM	3+E	120	37/2.01	47.6	3950	5758
N2XY3X150+1X35RM	3+E	150	37/2.21	52.5	4116	6473
N2XY3X150+1X50RM	3+E	150	37/2.21	52.5	4231	6587
N2XY3X150+1X70RM	3+E	150	37/2.21	52.5	4412	6713
N2XY3X185+1X35RM	3+E	185	37/2.48	58.1	5027	7953
N2XY3X185+1X95RM	3+E	185	37/2.48	58.1	5552	8332
N2XY3X185+1X50RM	3+E	185	37/2.48	58.1	5143	8035
N2XY3X185+1X70RM	3+E	185	37/2.48	58.1	5324	8104

We reserve the right to make technical alterations and misprint without prior notice.

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XY3X185+1X120RM	3+E	185	37/2.48	58.1	5764	8484
N2XY3X240+1X50RM	3+E	240	37/2.84	65.7	6626	10326
N2XY3X240+1X120RM	3+E	240	37/2.84	65.7	7247	10773
N2XY3X240+1X150RM	3+E	240	37/2.84	65.7	7477	10937
N2XY4X2/5+1X1/5RE	4+E	2.5	1/1.73	14.5	98	323
N2XY4X4+1X2/5RE	4+E	4	1/2.2	15.7	159	418
N2XY4X6+1X4RE	4+E	6	1/2.7	17.1	242	539
N2XY4X6+1X2/5RE	4+E	6	1/2.7	17.1	228	529
N2XY4X10+1X6RE	4+E	10	7/1.31	19.1	394	754
N2XY4X10+1X4RE	4+E	10	7/1.31	19.1	377	741
N2XY4X16+1X10RM	4+E	16	7/1.67	23.3	646	1154
N2XY4X16+1X6RM	4+E	16	7/1.67	23.3	612	1128
N2XY4X25+1X16RM	4+E	25	7/2.09	28.0	1018	1725
N2XY4X25+1X10RM	4+E	25	7/2.09	28.0	963	1688
N2XY4X35+1X16RM	4+E	35	7/2.48	31.2	1356	2219
N2XY4X50+1X25RM	4+E	50	19/1.76	36.0	1879	3012
N2XY4X50+1X16RM	4+E	50	19/1.76	36.0	1800	2957
N2XY4X70+1X25RM	4+E	70	19/2.13	42.2	2621	4156
N2XY4X70+1X35RM	4+E	70	19/2.13	42.2	2706	4219
N2XY4X70+1X50RM	4+E	70	19/2.13	42.2	2821	4303
N2XY4X95+1X35RM	4+E	95	19/2.48	47.6	3617	5515
N2XY4X95+1X50RM	4+E	95	19/2.48	47.6	3733	5599
N2XY4X95+1X70RM	4+E	95	19/2.48	47.6	3914	5726
N2XY4X120+1X70RM	4+E	120	37/2.01	52.7	4763	6997
N2XY4X120+1X35RM	4+E	120	37/2.01	52.7	4467	6787
N2XY4X150+1X70RM	4+E	150	37/2.21	58.1	5683	8432
N2XY4X150+1X50RM	4+E	150	37/2.21	58.1	5502	8306
N2XY4X185+1X95RM	4+E	185	37/2.48	64.9	7126	10546
N2XY4X185+1X50RM	4+E	185	37/2.48	64.9	6717	10251
N2XY4X185+1X120RM	4+E	185	37/2.48	64.9	7338	10699
N2XY4X240+1X185RM	4+E	240	37/2.84	72.7	9850	13899



NYBY PVC, PVC, STA, PVC ARMORED CABLE

PVC insulated and PVC sheathed steel tapes armored cables for power networks, underground, outdoors, in water, indoors and in cable ducts if greater mechanical protection is required.

Manufactured to: HD603 S1; IEC 60502-1-2

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NYBY2X16RM	2	16	7/1.67	21	280	860
NYBY2X25RM	2	25	7/2.09	24	439	1184
NYBY2X35RM	2	35	7/2.48	26	608	1464
NYBY2X50RM	2	50	19/1.76	30	839	1906
NYBY2X70RM	2	70	19/2.13	35	1201	2562
NYBY2X95RM	2	95	19/2.48	40	1657	3635
NYBY2X120RM	2	120	37/2.01	44	2081	4324
NYBY2X150RM	2	150	37/2.21	48	2541	5146
NYBY2X185RM	2	185	37/2.48	52	3149	6219
NYBY2X240RM	2	240	37/2.84	59	4138	7951
NYBY3X16RM	3	16	7/1.67	22	420	1032
NYBY3X25RM	3	25	7/2.09	25	658	1446
NYBY3X35RM	3	35	7/2.48	28	912	1826
NYBY3X50RM	3	50	19/1.76	32	1258	2396
NYBY3X70RM	3	70	19/2.13	38	1801	3482
NYBY3X95RM	3	95	19/2.48	43	2485	4570
NYBY3X120RM	3	120	37/2.01	46	3122	5473
NYBY3X150RM	3	150	37/2.21	51	3812	6539
NYBY3X185RM	3	185	37/2.48	56	4723	8014
NYBY3X240RM	3	240	37/2.84	63	6207	10176
NYBY4X10RE	4	10	7/1.31	20	342	863
NYBY4X16RM	4	16	7/1.67	24	560	1243
NYBY4X25RM	4	25	7/2.09	28	878	1784
NYBY4X35RM	4	35	7/2.48	31	1216	2267
NYBY4X50RM	4	50	19/1.76	35	1678	2989
NYBY4X70RM	4	70	19/2.13	41	2402	4321
NYBY4X95RM	4	95	19/2.48	47	3313	5698

Temperature limits: - 30°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 160°C

Bending radius: 12 x overall diameter.

Colors available: Black.

Core Identification:

NYBY -J:

- 3 cores: Green/Yel low - Brown - Blue
- 4 cores: Green/Yel low - Grey - Black - Brown
- 5 cores: Green/Yel low - Grey - Black - Brown - Blue

NYBY-O:

- 2 cores: Brown - Blue
- 3 cores: Brown - Blue - Grey
- 4 cores: Blue - Brown - Black - Grey
- 5 cores: Blue - Brown - Black - Grey - Black

Low voltage PVC Fixed Wiring & Mains Cables

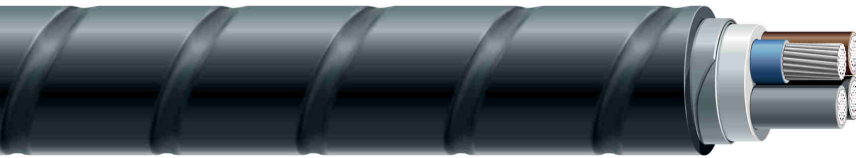
continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NYBY4X120RM	4	120	37/2.01	51	4163	6848
NYBY4X150RM	4	150	37/2.21	56	5083	8231
NYBY4X185RM	4	185	37/2.48	62	6298	10092
NYBY4X240RM	4	240	37/2.84	70	8276	12853
NYBY5X10RE	5	10	7/1.31	22	428	1007
NYBY5X16RM	5	16	7/1.67	26	700	1462
NYBY5X25RM	5	25	7/2.09	31	1097	2154
NYBY5X35RM	5	35	7/2.48	34	1520	2730
NYBY5X50RM	5	50	19/1.76	39	2097	3890
NYBY5X70RM	5	70	19/2.13	45	3002	5232
NYBY5X95RM	5	95	19/2.48	52	4142	6922
NYBY5X120RM	5	120	37/2.01	56	5203	8366
NYBY5X150RM	5	150	37/2.21	62	6353	10067
NYBY5X185RM	5	185	37/2.48	69	7872	12347
NYBY5X240RM	5	240	37/2.84	77	10345	15791
NYBY3X10+1X6RE	3+E	10	7/1.31	20	307	833
NYBY3X16+1X10RM	3+E	16	7/1.67	24	506	1199
NYBY3X25+1X10RM	3+E	25	7/2.09	28	744	1676
NYBY3X25+1X16RM	3+E	25	7/2.09	28	798	1719
NYBY3X35+1X16RM	3+E	35	7/2.48	31	1052	2133
NYBY3X35+1X25RM	3+E	35	7/2.48	31	1131	2197
NYBY3X50+1X25RM	3+E	50	19/1.76	35	1478	2825
NYBY3X50+1X35RM	3+E	50	19/1.76	35	1562	2894
NYBY3X70+1X25RM	3+E	70	19/2.13	41	2021	4016
NYBY3X70+1X35RM	3+E	70	19/2.13	41	2105	4086
NYBY3X70+1X50RM	3+E	70	19/2.13	41	2221	4180
NYBY3X95+1X35RM	3+E	95	19/2.48	47	2789	5279
NYBY3X95+1X50RM	3+E	95	19/2.48	47	2904	5374
NYBY3X95+1X70 RM	3+E	95	19/2.48	47	3085	5515
NYBY3X120+1X35RM	3+E	120	37/2.01	51	3426	6262
NYBY3X120+1X50RM	3+E	120	37/2.01	51	3541	6356
NYBY3X120+1X70RM	3+E	120	37/2.01	51	3722	6497
NYBY3X120+1X95RM	3+E	120	37/2.01	51	3950	6680
NYBY3X150+1X35RM	3+E	150	37/2.21	56	4116	7460
NYBY3X150+1X50RM	3+E	150	37/2.21	56	4231	7554
NYBY3X150+1X70RM	3+E	150	37/2.21	56	4412	7695
NYBY3X185+1X35RM	3+E	185	37/2.48	62	5027	9078
NYBY3X185+1X95RM	3+E	185	37/2.48	62	5552	9496
NYBY3X185+1X50RM	3+E	185	37/2.48	62	5143	9172
NYBY3X185+1X70RM	3+E	185	37/2.48	62	5324	9267
NYBY3X185+1X120RM	3+E	185	37/2.48	62	5764	9654

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NYBY3X240+1X50RM	3+E	240	37/2.84	70	6626	11536
NYBY3X240+1X120RM	3+E	240	37/2.84	70	7247	12018
NYBY3X240+1X150RM	3+E	240	37/2.84	70	7477	12199
NYBY4X10+1X6RE	4+E	10	7/1.31	22	392	977
NYBY4X10+1X4RE	4+E	10	7/1.31	22	376	963
NYBY4X16+1X10RM	4+E	16	7/1.67	26	646	1419
NYBY4X16+1X6RM	4+E	16	7/1.67	26	616	1389
NYBY4X25+1X16RM	4+E	25	7/2.09	31	1018	2089
NYBY4X25+1X10RM	4+E	25	7/2.09	31	966	2046
NYBY4X35+1X16RM	4+E	35	7/2.48	34	1356	2614
NYBY4X50+1X25 RM	4+E	50	19/1.76	39	1897	3727
NYBY4X50+1X16RM	4+E	50	19/1.76	39	1818	3662
NYBY4X70+1X25RM	4+E	70	19/2.13	45	2621	4929
NYBY4X70+1X35RM	4+E	70	19/2.13	45	2706	4997
NYBY4X70+1X50RM	4+E	70	19/2.13	45	2821	5091
NYBY4X95+1X35RM	4+E	95	19/2.48	52	3617	6503
NYBY4X95+1X50RM	4+E	95	19/2.48	52	3733	6598
NYBY4X95+1X70RM	4+E	95	19/2.48	52	3914	6739
NYBY4X120+1X70RM	4+E	120	37/2.01	57	4763	8099
NYBY4X120+1X35RM	4+E	120	37/2.01	57	4467	7864
NYBY4X150+1X70RM	4+E	150	37/2.21	62	5683	9622
NYBY4X150+1X50RM	4+E	150	37/2.21	62	5502	9481
NYBY4X185+1X95RM	4+E	185	37/2.48	69	7126	11751
NYBY4X185+1X50RM	4+E	185	37/2.48	69	6717	11427
NYBY4X185+1X120RM	4+E	185	37/2.48	69	7338	11919
NYBY4X240+1X185RM	4+E	240	37/2.84	77	9850	15396
NYBY4X50SM	4	50	19/1.76	35	1644	2994
NYBY4X70SM	4	70	19/2.13	39	2424	3952
NYBY4X95SM	4	95	19/2.48	45	3274	5117
NYBY4X120SM	4	120	37/2.01	47	4140	6140
NYBY4X150SM	4	150	37/2.21	52	5023	7363
NYBY4X185SM	4	185	37/2.48	57	6223	8923
NYBY4X240SM	4	240	37/2.84	65	8178	11454



NAYBY ALUMINUM CONDUCTOR PVC, PVC, STA, PVC ARMORED CABLE

Aluminum conductor PVC insulated and PVC sheathed steel tapes armored cables for power networks, underground, outdoors, indoors and in cable ducts if greater mechanical protection is required. Manufactured to HD603 S1; IEC 60502-1-2.

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Al Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYBY2X16RM	2	16	7/1.67	21	86	688
NAYBY2X25RM	2	25	7/2.09	25	134	904
NAYBY2X35RM	2	35	7/2.46	27	186	1069
NAYBY2X50RM	2	50	7/2.85	30	250	1334
NAYBY2X70RM	2	70	19/2.09	35	358	1751
NAYBY2X95RM	2	95	19/2.49	41	500	2525
NAYBY2X120RM	2	120	19/2.8	44	638	2947
NAYBY2X150RM	2	150	37/2.21	48	779	3456
NAYBY2X185RM	2	185	37/2.46	53	965	4113
NAYBY2X240RM	2	240	37/2.82	60	1268	5168
NAYBY3X16RM	3	16	7/1.67	22	129	764
NAYBY3X25RM	3	25	7/2.09	26	202	1016
NAYBY3X35RM	3	35	7/2.46	28	279	1222
NAYBY3X50RM	3	50	7/2.85	32	375	1530
NAYBY3X70RM	3	70	19/2.09	38	536	2255
NAYBY3X95RM	3	95	19/2.49	43	749	2885
NAYBY3X120RM	3	120	19/2.8	47	957	3379
NAYBY3X150RM	3	150	37/2.21	51	1168	3972
NAYBY3X185RM	3	185	37/2.46	56	1447	4738
NAYBY3X240RM	3	240	37/2.82	64	1902	5964
NAYBY4X10RE	4	10	1/3.45	20	103	643
NAYBY4X16RM	4	16	7/1.67	24	172	879
NAYBY4X25RM	4	25	7/2.09	28	269	1204
NAYBY4X35RM	4	35	7/2.46	31	373	1455
NAYBY4X50RM	4	50	7/2.85	35	500	1829

Temperature limits: - 30°C - + 70°C
 Max. temperature of conductor: + 70°C
 Short-circuit temperature: + 160°C
 Bending radius: 12 x overall diameter.
 Colors available: Black.
 Core Identification:
 NAYBY -J:
 - 3 cores: Green/Yel low – Brown – Blue
 - 4 cores: Green/Yel low – Grey – Black – Brown
 - 5 cores: Green/Yel low – Grey – Black – Brown – Blue
 NAYBY-O
 - 2 cores: Brown – Blue
 - 3 cores: Brown – Black – Grey
 - 4 cores: Blue – Brown – Black – Grey
 - 5 cores: Blue – Brown – Black – Grey – Black

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	AI Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYBY4X70RM	4	70	19/2.09	42	715	2674
NAYBY4X95RM	4	95	19/2.49	48	999	3437
NAYBY4X120RM	4	120	19/2.8	52	1276	4038
NAYBY4X150RM	4	150	37/2.21	57	1557	4789
NAYBY4X185RM	4	185	37/2.46	63	1930	5816
NAYBY4X240RM	4	240	37/2.82	70	2536	7215
NAYBY5X10RE	5	10	1/3.45	22	128	728
NAYBY5X16RM	5	16	7/1.67	26	215	1003
NAYBY5X25RM	5	25	7/2.09	31	336	1424
NAYBY5X35RM	5	35	7/2.46	34	466	1710
NAYBY5X50RM	5	50	7/2.85	39	625	2437
NAYBY5X70RM	5	70	19/2.09	46	894	3165
NAYBY5X95RM	5	95	19/2.49	52	1249	4086
NAYBY5X120RM	5	120	19/2.8	57	1594	4841
NAYBY5X150RM	5	150	37/2.21	62	1947	5751
NAYBY5X185RM	5	185	37/2.46	69	2412	6988
NAYBY5X240RM	5	240	37/2.82	78	3170	8803
NAYBY3X10+1X6RE	3+E	10	1/3.45	20	92	638
NAYBY3X16+1X10RM	3+E	16	7/1.67	24	155	873
NAYBY3X25+1X10RM	3+E	25	7/2.09	28	228	1188
NAYBY3X25+1X16RM	3+E	25	7/2.09	28	245	1194
NAYBY3X35+1X16RM	3+E	35	7/2.46	31	322	1435
NAYBY3X35+1X25RM	3+E	35	7/2.46	31	347	1444
NAYBY3X50+1X25RM	3+E	50	7/2.85	35	442	1806
NAYBY3X50+1X35RM	3+E	50	7/2.85	35	468	1817
NAYBY3X70+1X25RM	3+E	70	19/2.09	42	604	2635
NAYBY3X70+1X35RM	3+E	70	19/2.09	42	630	2646
NAYBY3X70+1X50RM	3+E	70	19/2.09	42	661	2654
NAYBY3X95+1X35RM	3+E	95	19/2.49	48	842	3384
NAYBY3X95+1X50RM	3+E	95	19/2.49	48	874	3392
NAYBY3X95+1X70 RM	3+E	95	19/2.49	48	928	3412
NAYBY3X120+1X35RM	3+E	120	19/2.8	52	1050	3963
NAYBY3X120+1X50RM	3+E	120	19/2.8	52	1082	3971
NAYBY3X120+1X70RM	3+E	120	19/2.8	52	1135	3986
NAYBY3X120+1X95RM	3+E	120	19/2.8	52	1206	4007
NAYBY3X150+1X35RM	3+E	150	37/2.21	57	1261	4665
NAYBY3X150+1X50RM	3+E	150	37/2.21	57	1293	4696
NAYBY3X150+1X70RM	3+E	150	37/2.21	57	1347	4711
NAYBY3X185+1X35RM	3+E	185	37/2.46	62	1540	5590
NAYBY3X185+1X95RM	3+E	185	37/2.46	62	1697	5636
NAYBY3X185+1X50RM	3+E	185	37/2.46	62	1572	5599

Low voltage PVC Fixed Wiring & Mains Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	AI Weight (Kg/Km)	Cable Weight. (Kg/Km)
NAYBY3X185+1X70RM	3+E	185	37/2.46	62	1626	5564
NAYBY3X185+1X120RM	3+E	185	37/2.46	62	1766	5656
NAYBY3X240+1X50RM	3+E	240	37/2.82	70	2027	7036
NAYBY3X240+1X120RM	3+E	240	37/2.82	70	2221	7093
NAYBY3X240+1X150RM	4+E	240	37/2.82	70	2291	7115
NAYBY4X10+1X6RE	4+E	10	1/3.45	22	118	723
NAYBY4X10+1X4RE	4+E	10	1/3.45	22	113	721
NAYBY4X16+1X10RM	4+E	16	7/1.67	26	198	997
NAYBY4X16+1X6RM	4+E	16	7/1.67	26	187	992
NAYBY4X25+1X16RM	4+E	25	7/2.09	31	312	1414
NAYBY4X25+1X10RM	4+E	25	7/2.09	31	295	1408
NAYBY4X35+1X16RM	4+E	35	7/2.46	34	415	1707
NAYBY4X50+1X25 RM	4+E	50	7/2.85	39	567	2414
NAYBY4X50+1X16RM	4+E	50	7/2.85	39	543	2404
NAYBY4X70+1X25RM	4+E	70	19/2.09	46	783	3127
NAYBY4X70+1X35RM	4+E	70	19/2.09	46	808	3137
NAYBY4X70+1X50RM	4+E	70	19/2.09	46	840	3149
NAYBY4X95+1X35RM	4+E	95	19/2.49	52	1092	4032
NAYBY4X95+1X50RM	4+E	95	19/2.49	52	1124	4045
NAYBY4X95+1X70RM	4+E	95	19/2.49	52	1178	4060
NAYBY4X120+1X70RM	4+E	120	19/2.8	57	1454	4794
NAYBY4X120+1X35RM	4+E	120	19/2.8	57	1369	4766
NAYBY4X150+1X70RM	4+E	150	37/2.21	62	1736	5679
NAYBY4X150+1X50RM	4+E	150	37/2.21	62	1683	5663
NAYBY4X185+1X95RM	4+E	185	37/2.46	69	2180	6908
NAYBY4X185+1X50RM	4+E	185	37/2.46	69	2055	6867
NAYBY4X185+1X120RM	4+E	185	37/2.46	69	2249	6930
NAYBY4X240+1X185RM	4+E	240	37/2.82	78	3018	8750



N2XBY XLPE, PVC, STA, PVC ARMORED CABLE

Stranded plain annealed copper conductor, XLPE insulated and PVC sheathed steel tapes armored cables for power networks, underground, outdoors, in water, indoors and in cable ducts if greater mechanical protection is required. Manufactured to: HD603 S1; IEC 60502-1-2

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XBY2X16RM	2	16	7/1.67	18.8	280	648
N2XBY2X25RM	2	25	7/2.09	22.1	439	935
N2XBY2X35RM	2	35	7/2.48	24.4	608	1194
N2XBY2X50RM	2	50	19/1.76	27.3	831	1554
N2XBY2X70RM	2	70	19/2.13	32.6	1201	2220
N2XBY2X95RM	2	95	19/2.48	36.5	1657	2904
N2XBY2X120RM	2	120	37/2.01	40.4	2081	3594
N2XBY2X150RM	2	150	37/2.21	44.3	2541	4351
N2XBY2X185RM	2	185	37/2.48	48.8	3149	5326
N2XBY2X240RM	2	240	37/2.84	54.9	4138	6856
N2XBY3X16RM	3	16	7/1.67	19.8	420	797
N2XBY3X25RM	3	25	7/2.09	23.4	658	1164
N2XBY3X35RM	3	35	7/2.48	25.8	912	1505
N2XBY3X50RM	3	50	19/1.76	29.2	1246	1986
N2XBY3X70RM	3	70	19/2.13	34.8	1801	2837
N2XBY3X95RM	3	95	19/2.48	39	2485	3740
N2XBY3X120RM	3	120	37/2.01	42.9	3122	4617
N2XBY3X150RM	3	150	37/2.21	47.4	3812	5621
N2XBY3X185RM	3	185	37/2.48	52.2	4723	6893
N2XBY3X240RM	3	240	37/2.84	58.8	6207	8927
N2XBY4X10RE	4	10	7/1.31	17.8	342	651
N2XBY4X16RM	4	16	7/1.67	21.5	560	985
N2XBY4X25RM	4	25	7/2.09	25.5	878	1453
N2XBY4X35RM	4	35	7/2.48	28.4	1216	1903
N2XBY4X50RM	4	50	19/1.76	32.8	1661	2571
N2XBY4X70RM	4	70	19/2.13	38.3	2402	3599
N2XBY4X95RM	4	95	19/2.48	43	3313	4762

- Temperature limits:
- 20°C - + 70°C
- Max. temperature of conductor: + 90°C
- for cross-section up to 300mm² - + 160°C
- for cross-section over 300mm² - + 140°C
- Bending radius:
- single-core cables:
15 x overall diameter.
- multi-core cables:
12 x overall diameter.
- Colors available: Black.
- Core Identification:
- 2 cores: Brown – Blue
- 3 cores: Green/ Yellow
– Brown – Blue
- 4 cores: Green/ Yellow
– Grey – Black
– Brown
- 5 cores: Green/ Yellow
– Grey – Black
– Brown – Blue

Low voltage PVC Fixed Wiring & Mains Cables

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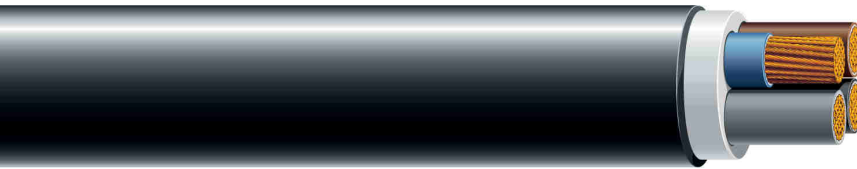
ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XBY4X120RM	4	120	37/2.01	47.6	4163	5910
N2XBY4X150RM	4	150	37/2.21	52.5	5083	7197
N2XBY4X185RM	4	185	37/2.48	58.1	6298	8865
N2XBY4X240RM	4	240	37/2.84	65.7	8276	11515
N2XBY5X10RE	5	10	7/1.31	19.1	428	780
N2XBY5X16RM	5	16	7/1.67	23.3	700	1191
N2XBY5X25RM	5	25	7/2.09	28	1097	1781
N2XBY5X35RM	5	35	7/2.48	31.2	1520	2338
N2XBY5X50RM	5	50	19/1.76	36	2077	3158
N2XBY5X70RM	5	70	19/2.13	42.2	3002	4430
N2XBY5X95RM	5	95	19/2.48	47.6	4142	5894
N2XBY5X120RM	5	120	37/2.01	52.7	5203	7318
N2XBY5X150RM	5	150	37/2.21	58.1	6353	8916
N2XBY5X185RM	5	185	37/2.48	64.9	7872	11079
N2XBY5X240RM	5	240	37/2.84	72.7	10345	14260
N2XBY3X10+1X6RE	3+E	10	7/1.31	17.8	308	625
N2XBY3X16+1X10RM	3+E	16	7/1.67	21.5	506	948
N2XBY3X25+1X10RM	3+E	25	7/2.09	25.5	744	1360
N2XBY3X25+1X16RM	3+E	25	7/2.09	25.5	798	1396
N2XBY3X35+1X16RM	3+E	35	7/2.48	28.4	1052	1784
N2XBY3X35+1X25RM	3+E	35	7/2.48	28.4	1131	1840
N2XBY3X50+1X25RM	3+E	50	19/1.76	32.8	1463	2425
N2XBY3X50+1X35RM	3+E	50	19/1.76	32.8	1547	2487
N2XBY3X70+1X25RM	3+E	70	19/2.13	38.3	2021	3325
N2XBY3X70+1X35RM	3+E	70	19/2.13	38.3	2105	3388
N2XBY3X70+1X50RM	3+E	70	19/2.13	38.3	2221	3473
N2XBY3X95+1X35RM	3+E	95	19/2.48	43	2789	4383
N2XBY3X95+1X50RM	3+E	95	19/2.48	43	2904	4467
N2XBY3X95+1X70RM	3+E	95	19/2.48	43	3085	4593
N2XBY3X120+1X35RM	3+E	120	37/2.01	47.6	3426	5379
N2XBY3X120+1X50RM	3+E	120	37/2.01	47.6	3541	5463
N2XBY3X120+1X70RM	3+E	120	37/2.01	47.6	3722	5590
N2XBY3X120+1X95RM	3+E	120	37/2.01	47.6	3950	5758
N2XBY3X150+1X35RM	3+E	150	37/2.21	52.5	4116	6473
N2XBY3X150+1X50RM	3+E	150	37/2.21	52.5	4231	6587
N2XBY3X150+1X70RM	3+E	150	37/2.21	52.5	4412	6713
N2XBY3X185+1X35RM	3+E	185	37/2.48	58.1	5027	7953
N2XBY3X185+1X95RM	3+E	185	37/2.48	58.1	5552	8332
N2XBY3X185+1X50RM	3+E	185	37/2.48	58.1	5143	8035
N2XBY3X185+1X70RM	3+E	185	37/2.48	58.1	5324	8104
N2XBY3X185+1X120RM	3+E	185	37/2.48	58.1	5764	8484

Low voltage PVC Fixed Wiring & Mains Cables

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ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XBY3X240+1X50RM	3+E	240	37/2.84	65.7	6626	10326
N2XBY3X240+1X120RM	3+E	240	37/2.84	65.7	7247	10773
N2XBY3X240+1X150RM	4+E	240	37/2.84	65.7	7477	10937
N2XBY4X10+1X6RE	4+E	10	7/1.31	19.1	394	754
N2XBY4X10+1X4RE	4+E	10	7/1.31	19.1	377	741
N2XBY4X16+1X10RM	4+E	16	7/1.67	23.3	646	1154
N2XBY4X16+1X6RM	4+E	16	7/1.67	23.3	612	1128
N2XBY4X25+1X16RM	4+E	25	7/2.09	28	1018	1725
N2XBY4X25+1X10RM	4+E	25	7/2.09	28	963	1688
N2XBY4X35+1X16RM	4+E	35	7/2.48	31.2	1356	2219
N2XBY4X50+1X25RM	4+E	50	19/1.76	36	1879	3012
N2XBY4X50+1X16RM	4+E	50	19/1.76	36	1800	2957
N2XBY4X70+1X25RM	4+E	70	19/2.13	42.2	2621	4156
N2XBY4X70+1X35RM	4+E	70	19/2.13	42.2	2706	4219
N2XBY4X70+1X50RM	4+E	70	19/2.13	42.2	2821	4303
N2XBY4X95+1X35RM	4+E	95	19/2.48	47.6	3617	5515
N2XBY4X95+1X50RM	4+E	95	19/2.48	47.6	3733	5599
N2XBY4X95+1X70RM	4+E	95	19/2.48	47.6	3914	5726
N2XBY4X120+1X70RM	4+E	120	37/2.01	52.7	4763	6997
N2XBY4X120+1X35RM	4+E	120	37/2.01	52.7	4467	6787
N2XBY4X150+1X70	4+E	150	37/2.21	58.1	5683	8432
N2XBY4X150+1X50	4+E	150	37/2.21	58.1	5502	8306
N2XBY4X185+1X95	4+E	185	37/2.48	64.9	7126	10546
N2XBY4X185+1X50	4+E	185	37/2.48	64.9	6717	10251
N2XBY4X185+1X120RM	4+E	185	37/2.48	64.9	7338	10699
N2XBY4X240+1X185RM	4+E	240	37/2.84	72.7	9850	13899

Low voltage PVC Fixed Wiring & Mains Cables



YVV-K PVC FLEXIBLE CABLE

Plain annealed flexible copper conductors Class 5 to IEC 60228, PVC insulated, PVC outer sheath. 600/1000 volts. Flame propagation to IEC 60332-1-2.

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
YVVK1X25	1	25	182/0.4	13.50	205.44	346.92
YVVK3X1/5	3	1.5	30/0.238	12.49	36.58	212.02
YVVK3X2/5	3	2.5	50/0.238	13.35	60.96	258.16
YVVK3X4	3	4	50/0.3	15.51	96.86	359.46
YVVK3X6	3	6	74/0.3	17.23	143.35	457.26
YVVK4X6	4	6	74/0.3	18.64	191.14	551.65
YVVK4X10	4	10	73/0.4	21.29	335.21	782.97
YVVK5X4	5	4	50/0.3	18.02	161.44	509.42
YVVK5X6	5	6	74/0.3	20.18	238.92	658.39
YVVK5X10	5	10	73/0.4	23.15	419.01	943.05
YVVK5X16	5	16	119/0.4	27.20	683.05	1361.39
YVVK5X25	5	25	182/0.4	33.13	1044.67	2036.99
YVVK5X35	5	35	252/0.4	36.03	1446.46	2586.33
YVVK5X50	5	50	371/0.4	43.31	2129.51	3745.88
YVVK3X10+6	3+E	10/6	73/0.4	22.29	299.2	814.50
YVVK3X16+10	3+E	16/10	119/0.4	25.91	493.6	1156.20
YVVK3X25+16	3+E	25/16	182/0.4	30.70	811.7	1713.88
YVVK3X35+16	3+E	35/16	252/0.4	33.31	1004.5	2054.74
YVVK3X50+25	3+E	50/25	371/0.4	39.51	1486.6	2926.74
YVVK3X70+35	3+E	70/35	342/0.5	44.73	2129.6	3924.04
YVVK3X95+70	3+E	95/70	456/0.5	49.96	3067.3	5203.00
YVVK3X120+70	3+E	120/70	589/0.5	57.16	3783.0	6609.89
YVVK3X150+70	3+E	150/70	740/0.5	62.14	4595.5	7967.76
YVVK4X25+16	4+E	25/16	182/0.4	33.73	972.4	2044.47
YVVK4X35+25	4+E	35/25	252/0.4	36.63	1366.1	2583.61
YVVK4X50+25	4+E	50/25	371/0.4	43.71	1912.5	3644.24
YVVK4X70+35	4+E	70/35	342/0.5	49.51	2743.1	4896.09
YVVK4X95+70	4+E	95/70	456/0.5	55.11	3885.2	6441.77

Temperature limits: - 20°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature:
 - For cross-sections up to 300 mm² - + 160°C
 - For cross-sections over 300 mm² - + 140°C

Bending radius:
 - single core cables - 12 x overall diameter
 - multi-core cables - 10 x overall diameter.

Colors available: Black.

Core Identification:
 - 2 cores: Green/Yellow - Black;
 - 3 cores : Green/ Yellow - Brown - Blue;
 - 4 cores : Green/ Yellow - Grey - Black - Brown;
 - 5 cores: Green/ Yellow - Grey - Black - Brown - Blue



NYIFY-Y PVC FLAT CABLE

Plain annealed copper conductor, PVC insulated, PVC outer sheathed, 300/500 volts. Flame propagation to IEC 60332-1-2.

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Dimensions	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NYIFY2X1/5	2	1.5	1/1.36	4.4x12.0	25.59	63.3
NYIFY2X2/5	2	2.5	1/1.73	5.2x13.5	41.40	90.3
NYIFY2X4	2	4	1/2.2	6.0x15.5	66.95	125.7
NYIFY3X1/5	3	1.5	1/1.36	4.4x19.0	38.38	94.9

Temperature limits:
- 30°C - + 70°C

Max. temperature of conductor: + 70°C

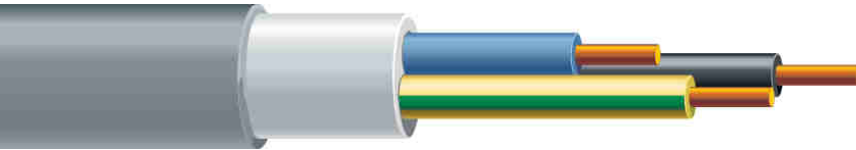
Short-circuit temperature: + 160°C

Bending radius:
10 x overall diameter.

Colors available: White.

Core Identification:
- 2 cores: Brown - Blue;
- 3 cores: Brown - Black - Gray

Low voltage PVC Fixed Wiring & Mains Cables



NYM SURFACE WIRING CABLES PVC

Solid plain copper conductors, PVC insulated, PVC inner filler, PVC outer sheath. 600/1000 volts. For permanent installation, both industrial and house installation, in dry and wet conditions, for laying over or under concrete without special mechanical protection. Manufactured to DIN VDE 0250-204

ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NYM1X1/5RE	1	1.5	1/1.36	5.4	13	42
NYM1X2/5RE	1	2.5	1/1.73	5.9	21	56
NYM1X4RE	1	4	1/2.2	6.6	34	76
NYM1X6RE	1	6	1/2.7	7.1	51	98
NYM1X10RE	1	10	1/3.48	8.3	85	146
NYM1X16RM	1	16	7/1.67	9.8	140	220
NYM2X1/5RE	2	1.5	1/1.36	9.1	26	119
NYM2X2/5RE	2	2.5	1/1.73	10.3	42	158
NYM2X4RE	2	4	1/2.2	11.6	68	215
NYM2X6RE	2	6	1/2.7	12.6	103	273
NYM2X10RE	2	10	1/3.48	15.7	169	434
NYM2X16RM	2	16	7/1.67	18.4	280	631
NYM2X25RM	2	25	7/2.09	22.1	439	942
NYM2X35RM	2	35	7/2.48	25.2	608	1249
NYM3X1/5RE	3	1.5	1/1.36	9.5	39	137
NYM3X2/5RE	3	2.5	1/1.73	10.7	63	186
NYM3X4RE	3	4	1/2.2	12.2	102	258
NYM3X6RE	3	6	1/2.7	13.7	154	345
NYM3X10RE	3	10	1/3.48	16.6	254	533
NYM3X16RM	3	16	7/1.67	20.3	420	828
NYM3X25RM	3	25	7/2.09	24.3	658	1231
NYM3X35RM	3	35	7/2.48	26.7	912	1579
NYM4X1/5RE	4	1.5	1/1.36	10.2	52	163
NYM4X2/5RE	4	2.5	1/1.73	11.6	84	225
NYM4X4RE	4	4	1/2.2	13.6	136	326
NYM4X6RE	4	6	1/2.7	14.8	205	424
NYM4X10RE	4	10	1/3.48	18.0	339	660

- Temperature limits: - 30°C - + 70°C
- Max. temperature of conductor: + 70°C
- Short-circuit temperature: + 150°C
- Bending radius: 6 x overall diameter
- Colors available: Grey
- Core Identification: NYM -J:
- 2 cores: Green/Yellow - Black
- 3 cores: Green/Yellow - Brown - Blue
- 4 cores: Green/Yellow - Brown - Black - Grey
- 5 cores: Green/Yellow - Blue - Brown - Black - Grey
- NYM -O:
- 2 cores: Blue - Brown
- 3 cores: Brown - Black - Grey
- 4 cores: Blue - Brown - Black - Grey
- 5 cores: Blue - Brown - Black - Grey - Black

Low voltage PVC Fixed Wiring & Mains Cables

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ECG Code	No. of Cores	Conductor Size. (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
NYM4X16RM	4	16	7/1.67	22.1	560	1031
NYM4X25RM	4	25	7/2.09	26.5	878	1552
NYM4X35RM	4	35	7/2.48	29.2	1216	2004
NYM5X1/5RE	5	1.5	1/1.36	11.3	65	203
NYM5X2/5RE	5	2.5	1/1.73	12.9	105	280
NYM5X4RE	5	4	1/2.2	15.1	170	405
NYM5X6RE	5	6	1/2.7	16.4	256	527
NYM5X10RE	5	10	1/3.48	19.6	423	799
NYM5X16RM	5	16	7/1.67	24.5	700	1275
NYM5X25RM	5	25	7/2.09	29.0	1097	1920
NYM5X35RM	5	35	7/2.48	32.0	1520	2486
NYM7X1/5RE	7	1.5	1/1.36	12.1	91	244
NYM7X2/5RE	7	2.5	1/1.73	14.2	147	355

Admetos Trading GmbH

LSZH Fixed Wiring & Mains



LSZH Fixed Wiring & Mains



H07Z-R (6491B) LSZH

Stranded plain annealed compacted circular copper conductor, low smoke and zero halogen (LSZH) outer sheath. 450/750 volt grade to EN 50525-3-41, BS 7211. Acid gas emission to BS EN 50267 (IEC 60754), smoke emission to BS 50268 (IEC 61034), flame propagation to BS EN 50265-2-1, IEC 60332-1-2. Low-smoke and zero halogen (LSZH).

ECG Code	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H07ZR1/5	1.5	7/0.5	2.9	12.9	18.9
H07ZR2/5	2.5	13/0.5	3.6	20.9	29.3
H07ZR4	4	20/0.5	4.1	33.8	43.8
H07ZR6	6	30/0.5	4.8	50.9	62.5
H07ZR10	10	7/1.34	6.1	84.1	103
H07ZR16	16	7/1.67	7.01	137	165
H07ZR25	25	7/2.09	8.67	215	258
H07ZR35	35	7/2.46	9.78	298	347
H07ZR50	50	19/1.8	11.8	412	478
H07ZR70	70	19/2.12	13.4	590	669
H07ZR95	95	19/2.49	15.65	814	919
H07ZR120	120	37/2	17.2	1012	1129
H07ZR150	150	37/2.21	19.07	1249	1395
H07ZR185	185	37/2.46	21.22	1532	1712
H07ZR240	240	37/2.82	24.14	2034	2260
H07ZR300	300	37/3.2	27.2	2592	2871
H07ZR400	400	61/2.87	31.0	3438	3784
H07ZR500	500	61/3.2	34.4	4274	4689
H07ZR625	625	91/2.91	37.6	5273	5729
H07ZR800	800	91/3.3	40.8	6376	6875
H07ZR1000	1000	91/3.73	46.8	8571	9187

Temperature limits: - 15°C - + 90°C

Max. temperature of conductor - + 90°C

Short-circuit temperature - + 250°C

Bending radius: up to 16 mm - 4 x overall diameter. 25 to 50 mm² - 5 x overall diameter, above 70 mm² - 6 Ø overall diameter.

Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements

LSZH Fixed Wiring & Mains



N2XH XLPE INSULATED LSZH OUTER SHEATHED CABLE

Plain annealed stranded compacted circular copper conductor, single and multiply core, XLPE insulated, low smoke and zero halogen (LSZH) outer sheath. 600/1000 volts grade. Acid gas emission to BS EN 50267 (IEC 60754-1), smoke emission to BS EN 50268 (IEC 61034) and flame propagation to IEC 60332-1, EN 50 266-2, IEC 60332-3, BS EN 50265. Manufactured to HD604 S1; IEC 60502-1-2.

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight (Kg/Km)
N2XH1X10RE	1	10	7/1.31	10	84.12	202
N2XH1X16RM	1	16	7/1.67	12	137.73	283
N2XH1X25RM	1	25	7/2.09	13	215.72	393
N2XH1X35RM	1	35	7/2.48	14	298.86	496
N2XH1X50RM	1	50	19/1.76	16	408.42	643
N2XH1X70RM	1	70	19/2.13	18	590.40	869
N2XH1X95RM	1	95	19/2.48	20	814.47	1139
N2XH1X120RM	1	120	37/2.01	22	1029.89	1405
N2XH1X150RM	1	150	37/2.21	24	1249.42	1673
N2XH1X185RM	1	185	37/2.48	26	1548.08	2043
N2XH1X240RM	1	240	37/2.84	29	2034.33	2612
N2XH1X300RM	1	300	61/2.48	33	2619.53	3346
N2XH1X400RM	1	400	61/2.85	37	3473.88	4356
N2XH1X500RM	1	500	61/3.2	41	4318.68	5335
N2XH2X1/5RE	2	1.5	91/2.95	12	26.28	199
N2XH2X2/5RE	2	2.5	91/3.3	12	42.53	237
N2XH2X4RE	2	4	91/3.71	13	68.78	290
N2XH2X6RE	2	6	1/1.36	14	103.59	355
N2XH2X10RE	2	10	1/1.73	16	171.11	473
N2XH2X16RM	2	16	1/2.2	19	280.14	695
N2XH2X25RM	2	25	1/2.7	22	438.77	998
N2XH2X35RM	2	35	7/1.31	24	607.87	1269
N2XH2X50RM	2	50	7/1.67	27	838.96	1645
N2XH2X70RM	2	70	7/2.09	33	1200.87	2349
N2XH2X95RM	2	95	7/2.48	37	1656.63	3063

Temperature limits:
- 40°C - + 90°C

Max. temperature of conductor: + 90°C

Short-circuit temperature:
+ 250°C

Bending radius:
- single-core cables:
15 x overall diameter.

- multi-core cables:
12 x overall diameter.

Colors available: Black.

Core Identification:
- 2 cores: Brown – Blue
- 3 cores: Green/Yellow – Brown – Blue
- 4 cores: Green/Yellow – Grey – Black – Brown
- 5 cores: Green/Yellow – Grey – Black – Brown – Blue

LSZH Fixed Wiring & Mains

continuation of a table

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XH2X120RM	2	120	19/1.76	40	2081.30	3787
N2XH2X150RM	2	150	19/2.13	44	2541.31	4580
N2XH2X185RM	2	185	19/2.48	49	3148.79	5601
N2XH2X240RM	2	240	37/2.01	55	4137.82	7199
N2XH2X300RM	2	300	37/2.21	61	5328.12	9057
N2XH2X400RM	2	400	37/2.48	70	7065.87	11905
N2XH3X1/5RE	3	1.5	37/2.84	12	39.43	219
N2XH3X2/5RE	3	2.5	61/2.85	13	63.80	266
N2XH3X4RE	3	4	1/1.36	14	103.17	333
N2XH3X6RE	3	6	1/1.73	15	155.39	416
N2XH3X10RE	3	10	1/2.2	16	256.66	567
N2XH3X16RM	3	16	1/2.7	20	420.21	843
N2XH3X25RM	3	25	7/1.31	23	658.15	1226
N2XH3X35RM	3	35	7/1.67	26	911.81	1577
N2XH3X50RM	3	50	7/2.09	29	1258.44	2076
N2XH3X70RM	3	70	7/2.48	35	1801.31	2963
N2XH3X95RM	3	95	19/1.76	39	2484.94	3894
N2XH3X120RM	3	120	19/2.13	43	3121.94	4799
N2XH3X150RM	3	150	19/2.48	47	3811.97	5840
N2XH3X185RM	3	185	37/2.01	52	4723.19	7153
N2XH3X240RM	3	240	37/2.21	59	6206.74	9254
N2XH3X300RM	3	300	37/2.48	65	7992.18	11678
N2XH3X300RM	3	400	37/2.84	75	10598.81	15359
N2XH4X1/5RE	4	1.5	1/1.36	13	52.57	251
N2XH4X2/5RE	4	2.5	1/1.73	14	85.06	309
N2XH4X4RE	4	4	1/2.2	15	137.56	393
N2XH4X6RE	4	6	1/2.7	16	207.19	498
N2XH4X10RE	4	10	7/1.31	18	342.22	689
N2XH4X16RM	4	16	7/1.67	21	560.28	1037
N2XH4X25RM	4	25	7/2.09	25	877.54	1521
N2XH4X35RM	4	35	7/2.48	28	1215.75	1985
N2XH4X50RM	4	50	19/1.76	33	1677.91	2679
N2XH4X70RM	4	70	19/2.13	38	2401.75	3742
N2XH4X95RM	4	95	19/2.48	43	3313.25	4935
N2XH4X120RM	4	120	37/2.01	48	4162.59	6119
N2XH4X150RM	4	150	37/2.21	53	5082.63	7447
N2XH4X185RM	4	185	37/2.48	58	6297.58	9165
N2XH4X240RM	4	240	37/2.84	66	8275.65	11897
N2XH4X300RE	4	300	1/1.36	72	10656.23	14896
N2XH5X1/5RE	5	1.5	1/1.73	13	65.71	287
N2XH5X2/5RE	5	2.5	1/2.2	14	106.33	357

LSZH Fixed Wiring & Mains

continuation of a table

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/Km)	Cable Weight. (Kg/Km)
N2XH5X4RE	5	4	1/2.7	16	171.95	460
N2XH5X6RE	5	6	7/1.31	17	258.99	588
N2XH5X10RE	5	10	7/1.67	19	427.77	824
N2XH5X16RM	5	16	7/2.09	23	700.35	1250
N2XH5X25RM	5	25	7/2.48	28	1096.92	1861
N2XH5X35RM	5	35	19/1.76	31	1519.69	2435
N2XH5X50RM	5	50	19/2.13	36	2097.39	3285
N2XH5X70RM	5	70	19/2.48	42	3002.18	4598
N2XH5X95RM	5	95	37/2.01	48	4141.56	6103
N2XH5X120RM	5	120	37/2.21	53	5203.24	7570
N2XH5X150RM	5	150	37/2.48	58	6353.28	9217
N2XH5X185RM	5	185	37/2.84	65	7871.98	11454
N2XH5X240RM	5	240	1/1.73	73	10344.56	14719
N2XH4X35SM	4	35	7/1.31	27.3	1177.38	1694.33
N2XH4X50SM	4	50	7/1.31	30.1	1624.95	2232.37
N2XH4X70SM	4	70	1/1.73	35.9	2395.85	3237.65
N2XH4X95SM	4	95	1/2.2	39.5	3274.16	4226.65
N2XH4X120SM	4	120	1/2.7	44.3	4140.16	5275.26
N2XH4X150SM	4	150	7/1.31	48.1	5022.66	6338.50
N2XH4X185SM	4	185	7/1.67	53.5	6223.28	7797.71
N2XH4X240SM	4	240	7/2.09	61.3	8178.00	10105.35

LSZH Fixed Wiring & Mains



H05Z-K LSZH

Flexible plain annealed copper conductor, Class 5 according to IEC 60228 low-smoke and zero halogen (LSZH) outer sheath. 300/500 volts to BS7211/BS EN 50525-3-41. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H05ZK0/5	0.5	16/0.2	2.12	4.2	8.7
H05ZK0/75	0.75	24/0.2	2.37	6.4	11.7
H05ZK1	1	32/0.2	2.5	8.9	14.6

Temperature limits: - 5°C
- + 90°C

Max. temperature of conductor: + 90°C

Short-circuit temperature: + 250°C

Bending radius:
4 x overall diameter.

Standard colors available:
Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements

LSZH Fixed Wiring & Mains



H07Z-K LSZH

Flexible plain annealed copper conductor, Class 5 according to IEC 60228 low-smoke and zero halogen (LSZH) outer sheath. 450/750 volts to BS7211/BS EN 50525-3-41. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H07ZK1/5	1.5	30/0.25	3	13	21
H07ZK2/5	2.5	50/0.25	3.6	20	32
H07ZK4	4	56/0.25	4.2	33	47
H07ZK6	6	84/0.3	5	53	71
H07ZK10	10	80/0.4	6.5	84	113
H07ZK16	16	126/0.4	8	142	179
H07ZK25	25	196/0.4	9.9	213	268
H07ZK35	35	276/0.4	10.9	300	362
H07ZK50	50	396/0.4	13.3	427	515
H07ZK70	70	360/0.5	15.3	603	706
H07ZK95	95	475/0.5	17.3	818	951
H07ZK120	120	608/0.5	19.7	1039	1192
H07ZK150	150	756/0.5	21.6	1305	1494
H07ZK185	185	925/0.5	23.3	1501	1726
H07ZK240	240	1221/0.5	27.2	2088	2379

Temperature limits:
 - 5°C - + 90°C
 Max. temperature of conductor: + 90°C
 Short-circuit temperature: + 250°C
 Bending radius: 4 x overall diameter.
 Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements

LSZH Fixed Wiring & Mains



H07Z-U LSZH

Solid annealed copper conductor, low-smoke and zero halogen (LSZH) outer sheath. 450/750 volts BS EN 50525-3-41. Flame propagation to BS EN 50265, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H07ZU1/5	1.5	1/1.37	2,8	13,2	20,4
H07ZU2/5	2.5	1/1.77	3,4	21,3	31,5
H07ZU4	4	1/2,2	3,8	34,5	46,5
H07ZU6	6	1/2,7	4,3	52	66
H07ZU10	10	1/3,48	5,5	85,8	109,4

Temperature limits: - 15°C
- + 90°C

Max. temperature of conductor: + 90°C

Short-circuit temperature: + 250°C

Bending radius:
10 x overall diameter.

Standard colors available:
Green/Yellow, Blue, Red,
Brown, Black, Green,
Yellow, Violet. Other colors
are available according to
customer requirements

Admetos Trading GmbH

H1Z2Z2-K electric cables for photovoltaic systems



H1Z2Z2-K electric cables for photovoltaic systems



H1Z2Z2-K

Electric cables for photovoltaic systems.

H1Z2Z2-K according to EN 50618

Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H1Z2Z2-K	4	49/0.3	5,5	31,2	62
H1Z2Z2-K	6	73/0.3	6,0	47,1	82
H1Z2Z2-K	10	75/0.4	7,1	82,8	125

Temperature limits: - 40°C
- + 90°C

Max. temperature of conductor: + 120°C
according to EN 50618

Short-circuit temperature:
+ 250°C

Bending radius:
5 x overall diameter.

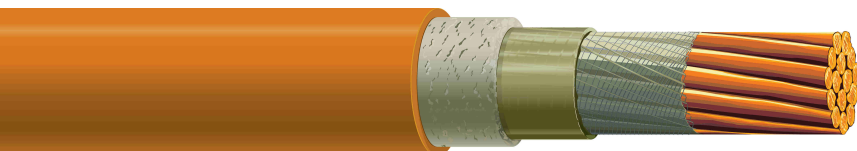
Standard colors available:
Black, Red.
Other colors are available
according to customer
requirements

Admetos Trading GmbH

Fire Resistant Cables



Fire Resistant Cables

**(N)HXH FE180/E30 FIREPROOF MAINS CABLES LSZH**

Plain annealed stranded copper conductors, mica fire resistant tape, XLPE insulated, low smoke, zero halogen (LSZH) filling, low smoke, zero halogen (LSZH) outer sheath. Insulation integrity FE 180: DIN VDE 0472-814 (800 °C, 180 min.), IEC 60331-21. System integrity E90: DIN 4102-12 (30 min.). Flame propagation: DIN EN 50266-2-2, VDE 0482-266-2-2, IEC 60332-3-22 Smoke density: DIN EN 61034-2, VDE 0482-1034-2, IEC 61034-2. Gases evolved during combustion: DIN EN 50267-2-2, VDE 0482-267-2-2, IEC 60754-2: pH₂ ≥ 4,3; conductivity ≤ 10 μSmm⁻¹

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NHXH30-1X10	1	10	7/1.31	11	84	230
NHXH30-1X16	1	16	7/1.67	13	138	313
NHXH30-1X25	1	25	7/2.09	14	216	427
NHXH30-1X35	1	35	7/2.48	16	299	535
NHXH30-1X50	1	50	19/1.76	17	408	682
NHXH30-1X70	1	70	19/2.13	19	590	919
NHXH30-1X95	1	95	19/2.48	21	801	1 174
NHXH30-1X120	1	120	37/2.01	23	1 023	1 448
NHXH30-1X150	1	150	37/2.21	25	1 249	1 734
NHXH30-1X185	1	185	37/2.48	28	1 548	2 156
NHXH30-1X240	1	240	37/2.84	31	2 034	2 743
NHXH30-1X300	1	300	61/2.48	35	2 620	3 492
NHXH30-2X1/5	2	1.5	1/1.36	14	26	273
NHXH30-2X2/5	2	2.5	1/1.73	15	42	314
NHXH30-2X4	2	4	1/2.2	15	68	373
NHXH30-2X6	2	6	1/2.7	16	103	444
NHXH30-2X10	2	10	7/1.31	18	170	570
NHXH30-2X16	2	16	7/1.67	21	279	807
NHXH30-2X25	2	25	7/2.09	24	437	1 125
NHXH30-2X35	2	35	7/2.48	27	605	1 455
NHXH30-2X50	2	50	19/1.76	30	827	1 867
NHXH30-2X70	2	70	19/2.13	35	1 195	2 547
NHXH30-2X95	2	95	19/2.48	39	1 622	3 241
NHXH30-2X120	2	120	37/2.01	43	2 071	4 003
NHXH30-2X150	2	150	37/2.21	47	2 529	4 837

Temperature limits: - 40°C - + 90°C

Max. temperature of conductor: + 90°C

Short-circuit temperature: + 250°C

Bending radius:

- single-core cables:

15/overall diameter.

- multi-core cables:

12 / overall diameter.

Colors available: Orange.

Core Identification:

Without protective conductor:

- 1 core: Black

- 2 cores: Brown – Blue

- 3 cores: Brown – Black

- Grey

- 3 cores: Blue - Brown –

Black (for certain applications

only)

- 4 cores: Blue – Brown –

Black - Grey

- 5 cores: Blue – Brown –

Black – Grey --Black

With protective conductor:

- 1 core: Green/Yellow

- 3 cores: Green/Yellow –

Blue – Brown

- 4 cores: Green/Yellow -

Brown – Black - Grey

- 4 cores: Green/Yellow -

Blue – Brown – Black (for

certain applications only)

- 5 cores: Green/Yellow -

Blue – Brown – Black – Grey

We reserve the right to make technical alterations and misprint without prior notice.

Fire Resistant Cables

continuation of a table

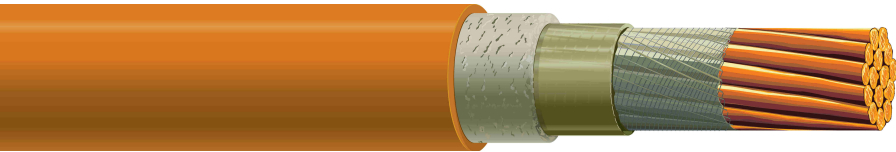
ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NHXXH30-2X185	2	185	37/2.48	51	3 133	5 876
NHXXH30-2X240	2	240	37/2.84	57	4 117	7 503
NHXXH30-3X1/5	3	1.5	1/1.36	14	39	299
NHXXH30-3X2/5	3	2.5	1/1.73	15	63	349
NHXXH30-3X4	3	4	1/2.2	16	103	422
NHXXH30-3X6	3	6	1/2.7	17	155	511
NHXXH30-3X10	3	10	7/1.31	19	255	672
NHXXH30-3X16	3	16	7/1.67	22	418	963
NHXXH30-3X25	3	25	7/2.09	26	655	1 361
NHXXH30-3X35	3	35	7/2.48	29	907	1 790
NHXXH30-3X50	3	50	19/1.76	32	1 240	2 313
NHXXH30-3X70	3	70	19/2.13	37	1 792	3 154
NHXXH30-3X95	3	95	19/2.48	41	2 433	4 073
NHXXH30-3X120	3	120	37/2.01	46	3 107	5 050
NHXXH30-3X150	3	150	37/2.21	50	3 793	6 108
NHXXH30-3X185	3	185	37/2.48	55	4 700	7 472
NHXXH30-3X240	3	240	37/2.84	61	6 176	9 536
NHXXH30-4X1/5	4	1.5	1/1.36	15	52	344
NHXXH30-4X2/5	4	2.5	1/1.73	16	85	406
NHXXH30-4X4	4	4	1/2.2	17	137	498
NHXXH30-4X6	4	6	1/2.7	19	206	610
NHXXH30-4X10	4	10	7/1.31	20	341	814
NHXXH30-4X16	4	16	7/1.67	24	558	1 179
NHXXH30-4X25	4	25	7/2.09	29	873	1 764
NHXXH30-4X35	4	35	7/2.48	32	1 210	2 253
NHXXH30-4X50	4	50	19/1.76	36	1 653	2 919
NHXXH30-4X70	4	70	19/2.13	42	2 390	4 038
NHXXH30-4X95	4	95	19/2.48	46	3 244	5 193
NHXXH30-4X120	4	120	37/2.01	51	4 142	6 475
NHXXH30-4X150	4	150	37/2.21	56	5 058	7 801
NHXXH30-4X185	4	185	37/2.48	61	6 267	9 508
NHXXH30-4X240	4	240	37/2.84	68	8 235	12 193
NHXXH30-5X1/5	5	1.5	1/1.36	16	65	397
NHXXH30-5X2/5	5	2.5	1/1.73	17	106	473
NHXXH30-5X4	5	4	1/2.2	19	171	585
NHXXH30-5X6	5	6	1/2.7	20	258	723
NHXXH30-5X10	5	10	7/1.31	22	426	973
NHXXH30-5X16	5	16	7/1.67	26	697	1 422
NHXXH30-5X25	5	25	7/2.09	32	1 092	2 132
NHXXH30-5X35	5	35	7/2.48	35	1 512	2 733
NHXXH30-5X50	5	50	19/1.76	39	2 067	3 554

Fire Resistant Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NHXXH30-5X70	5	70	19/2.13	45	2 987	4 904
NHXXH30-5X95	5	95	19/2.48	51	4 055	6 357
NHXXH30-5X120	5	120	37/2.01	56	5 178	7 971
NHXXH30-5X150	5	150	37/2.21	61	6 322	9 610
NHXXH30-5X185	5	185	37/2.48	68	7 833	11 798
NHXXH30-5X240	5	240	37/2.84	76	10 294	15 179
NHXXH30-1X185+95	1+E	185	37/2.48	45	2 378	4 495
NHXXH30+3X2/5-1/5	3+E	2.5	1/1.73	16	77	397
NHXXH30+3X4-2/5	3+E	4	1/2.2	17	124	484
NHXXH30-3X6+4	3+E	6	1/2.7	19	189	592
NHXXH30-3X10+4	3+E	10	7/1.31	20	307	782
NHXXH30-3X16+10	3+E	16	7/1.67	24	504	1 140
NHXXH30-3X25+16	3+E	25	7/2.09	29	741	1 660
NHXXH30-3X35+16	3+E	35	7/2.48	32	1 047	2 116
NHXXH30-3X50+25	3+E	50	19/1.76	36	1 456	2 751
NHXXH30-3X70+35	3+E	70	19/2.13	41	2 095	3 784
NHXXH30-3X95+50	3+E	95	19/2.48	46	2 851	4 861
NHXXH30-3X120+70	3+E	120	37/2.01	50	3 704	6 098
NHXXH30-3X150+70	3+E	150	37/2.21	56	4 391	7 332
NHXXH30-3X185+95	3+E	185	37/2.48	61	5 511	8 986
NHXXH30-3X240+120	3+E	240	37/2.84	68	8 235	12 177
NHXXH30-4X2/5+1/5	4+E	2.5	1/1.73	17	98	463
NHXXH30-4X4+2/5	4+E	4	1/2.2	19	158	571
NHXXH30-4X6+4	4+E	6	1/2.7	20	240	704
NHXXH30-4X10+4	4+E	10	7/1.31	22	392	941
NHXXH30-4X16+10	4+E	16	7/1.67	26	643	1 382
NHXXH30-4X25+16	4+E	25	7/2.09	32	1 013	2 069
NHXXH30-4X35+16	4+E	35	7/2.48	35	1 349	2 613
NHXXH30-4X50+25	4+E	50	19/1.76	39	1 869	3 405
NHXXH30-4X70+35	4+E	70	19/2.13	45	2 692	4 694
NHXXH30-4X95+50	4+E	95	19/2.48	51	3 662	6 074
NHXXH30-4X120+70	4+E	120	37/2.01	56	4 740	7 648
NHXXH30-4X150+70	4+E	150	37/2.21	61	5 655	9 141
NHXXH30-4X185+95	4+E	185	37/2.48	68	7 078	11 276
NHXXH30-4X240+120	4+E	240	37/2.84	76	10 294	15 163

Fire Resistant Cables



(N)HXH FE180/E90 FIREPROOF MAINS CABLES LSZH

Plain annealed stranded copper conductors, mica fire resistant tape, XLPE insulated, low smoke, zero halogen (LSZH) filling, low smoke, zero halogen (LSZH) outer sheath. Insulation integrity FE 180: DIN VDE 0472-814 (800 °C, 180 min.), IEC 60331-21. System integrity E90: DIN 4102-12 (90 min.). Flame propagation: DIN EN 50266-2-2, VDE 0482-266-2-2, IEC 60332-3-22. Smoke density: DIN EN 61034-2, VDE 0482-1034-2, IEC 61034-2. Gases evolved during combustion: DIN EN 50267-2-2, VDE 0482-267-2-2, IEC 60754-2: pH₂ ≥ 4,3; conductivity ≤ 10 μSmm-1

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NHXH90-1X10	1	10	7/1.31	11	84	230
NHXH90-1X16	1	16	7/1.67	13	138	313
NHXH90-1X25	1	25	7/2.09	14	216	427
NHXH90-1X35	1	35	7/2.48	16	299	535
NHXH90-1X50	1	50	19/1.76	17	408	682
NHXH90-1X70	1	70	19/2.13	19	590	919
NHXH90-1X95	1	95	19/2.48	21	801	1 174
NHXH90-1X120	1	120	37/2.01	23	1 023	1 448
NHXH90-1X150	1	150	37/2.21	25	1 249	1 734
NHXH90-1X185	1	185	37/2.48	28	1 548	2 156
NHXH90-1X240	1	240	37/2.84	31	2 034	2 743
NHXH90-1X300	1	300	61/2.48	35	2 620	3 492
NHXH90-2X1/5	2	1.5	1/1.36	14	26	273
NHXH90-2X2/5	2	2.5	1/1.73	15	42	314
NHXH90-2X4	2	4	1/2.2	15	68	373
NHXH90-2X6	2	6	1/2.7	16	103	444
NHXH90-2X10	2	10	7/1.31	18	170	570
NHXH90-2X16	2	16	7/1.67	21	279	807
NHXH90-2X25	2	25	7/2.09	24	437	1 125
NHXH90-2X35	2	35	7/2.48	27	605	1 455
NHXH90-2X50	2	50	19/1.76	30	827	1 867
NHXH90-2X70	2	70	19/2.13	35	1 195	2 547
NHXH90-2X95	2	95	19/2.48	39	1 622	3 241

Temperature limits: - 40°C - + 90°C
 Max. temperature of conductor: + 90°C
 Short-circuit temperature: + 250°C
 Bending radius:
 - single-core cables: 15/overall diameter.
 - multi-core cables: 12 / overall diameter.
 Colors available: Orange.
 Core Identification:
 Without protective conductor:
 - 1 core: Black
 - 2 cores: Brown – Blue
 - 3 cores: Brown – Black – Grey
 - 3 cores: Blue - Brown – Black (for certain applications only)
 - 4 cores: Blue – Brown – Black - Grey
 - 5 cores: Blue – Brown – Black – Grey --Black
 With protective conductor:
 - 1 core: Green/Yellow
 - 3 cores: Green/Yellow – Blue – Brown
 - 4 cores: Green/Yellow - Brown – Black - Grey
 - 4 cores: Green/Yellow - Blue – Brown – Black (for certain applications only)
 - 5 cores: Green/Yellow - Blue – Brown – Black – Grey

Fire Resistant Cables

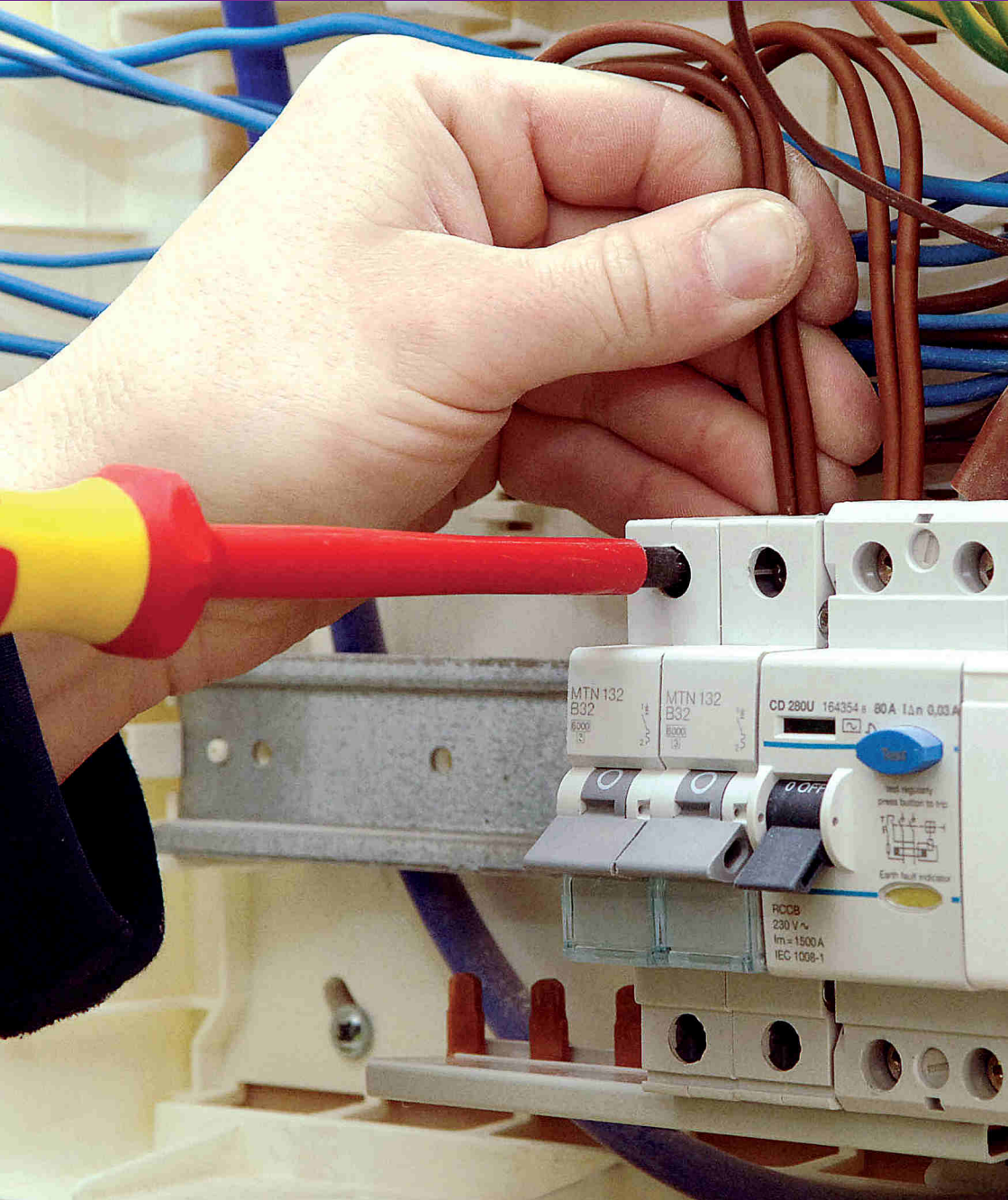
continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NHXH90-2X120	2	120	37/2.01	43	2 071	4 003
NHXH90-2X150	2	150	37/2.21	47	2 529	4 837
NHXH90-2X185	2	185	37/2.48	51	3 133	5 876
NHXH90-2X240	2	240	37/2.84	57	4 117	7 503
NHXH90-3X1/5	3	1.5	1/1.36	14	39	299
NHXH90-3X2/5	3	2.5	1/1.73	15	63	349
NHXH90-3X4	3	4	1/2.2	16	103	422
NHXH90-3X6	3	6	1/2.7	17	155	511
NHXH90-3X10	3	10	7/1.31	19	255	672
NHXH90-3X16	3	16	7/1.67	22	418	963
NHXH90-3X25	3	25	7/2.09	26	655	1 361
NHXH90-3X35	3	35	7/2.48	29	907	1 790
NHXH90-3X50	3	50	19/1.76	32	1 240	2 313
NHXH90-3X70	3	70	19/2.13	37	1 792	3 154
NHXH90-3X95	3	95	19/2.48	41	2 433	4 073
NHXH90-3X120	3	120	37/2.01	46	3 107	5 050
NHXH90-3X150	3	150	37/2.21	50	3 793	6 108
NHXH90-3X185	3	185	37/2.48	55	4 700	7 472
NHXH90-3X240	3	240	37/2.84	61	6 176	9 536
NHXH90-4X1/5	4	1.5	1/1.36	15	52	344
NHXH90-4X2/5	4	2.5	1/1.73	16	85	406
NHXH90-4X4	4	4	1/2.2	17	137	498
NHXH90-4X6	4	6	1/2.7	19	206	610
NHXH90-4X10	4	10	7/1.31	20	341	814
NHXH90-4X16	4	16	7/1.67	24	558	1 179
NHXH90-4X25	4	25	7/2.09	29	873	1 764
NHXH90-4X35	4	35	7/2.48	32	1 210	2 253
NHXH90-4X50	4	50	19/1.76	36	1 653	2 919
NHXH90-4X70	4	70	19/2.13	42	2 390	4 038
NHXH90-4X95	4	95	19/2.48	46	3 244	5 193
NHXH90-4X120	4	120	37/2.01	51	4 142	6 475
NHXH90-4X150	4	150	37/2.21	56	5 058	7 801
NHXH90-4X185	4	185	37/2.48	61	6 267	9 508
NHXH90-4X240	4	240	37/2.84	68	8 235	12 193
NHXH90-5X1/5	5	1.5	1/1.36	16	65	397
NHXH90-5X2/5	5	2.5	1/1.73	17	106	473
NHXH90-5X4	5	4	1/2.2	19	171	585
NHXH90-5X6	5	6	1/2.7	20	258	723
NHXH90-5X10	5	10	7/1.31	22	426	973
NHXH90-5X16	5	16	7/1.67	26	697	1 422
NHXH90-5X25	5	25	7/2.09	32	1 092	2 132

Fire Resistant Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NHXXH90-5X35	5	35	7/2.48	35	1 512	2 733
NHXXH90-5X50	5	50	19/1.76	39	2 067	3 554
NHXXH90-5X70	5	70	19/2.13	45	2 987	4 904
NHXXH90-5X95	5	95	19/2.48	51	4 055	6 357
NHXXH90-5X120	5	120	37/2.01	56	5 178	7 971
NHXXH90-5X150	5	150	37/2.21	61	6 322	9 610
NHXXH90-5X185	5	185	37/2.48	68	7 833	11 798
NHXXH90-5X240	5	240	37/2.84	76	10 294	15 179
NHXXH90-1X185-95	1+E	185	37/2.48	45	2 378	4 495
NHXXH90-3X2/5+1/5	3+E	2.5	1/1.73	16	77	397
NHXXH90-3X4+2/5	3+E	4	1/2.2	17	124	484
NHXXH90-3X6+4	3+E	6	1/2.7	19	189	592
NHXXH90-3X10+4	3+E	10	7/1.31	20	307	782
NHXXH90-3X16+10	3+E	16	7/1.67	24	504	1 140
NHXXH90-3X25+16	3+E	25	7/2.09	29	741	1 660
NHXXH90-3X35+16	3+E	35	7/2.48	32	1 047	2 116
NHXXH90-3X50+25	3+E	50	19/1.76	36	1 456	2 751
NHXXH90-3X70+35	3+E	70	19/2.13	41	2 095	3 784
NHXXH90-3X95+50	3+E	95	19/2.48	46	2 851	4 861
NHXXH90-3X120+70	3+E	120	37/2.01	50	3 704	6 098
NHXXH90-3X150+70	3+E	150	37/2.21	56	4 391	7 332
NHXXH90-3X185+95	3+E	185	37/2.48	61	5 511	8 986
NHXXH90-3X240+120	3+E	240	37/2.84	68	8 235	12 177
NHXXH90-4X2/5+1/5	4+E	2.5	1/1.73	17	98	463
NHXXH90-4X4+2/5	4+E	4	1/2.2	19	158	571
NHXXH90-4X6+4	4+E	6	1/2.7	20	240	704
NHXXH90-4X10+4	4+E	10	7/1.31	22	392	941
NHXXH90-4X16+10	4+E	16	7/1.67	26	643	1 382
NHXXH90-4X25+16	4+E	25	7/2.09	32	1 013	2 069
NHXXH90-4X35+16	4+E	35	7/2.48	35	1 349	2 613
NHXXH90-4X50+25	4+E	50	19/1.76	39	1 869	3 405
NHXXH90-4X70+35	4+E	70	19/2.13	45	2 692	4 694
NHXXH90-4X95+50	4+E	95	19/2.48	51	3 662	6 074
NHXXH90-4X120+70	4+E	120	37/2.01	56	4 740	7 648
NHXXH90-4X150+70	4+E	150	37/2.21	61	5 655	9 141
NHXXH90-4X185+95	4+E	185	37/2.48	68	7 078	11 276
NHXXH90-4X240+120	4+E	240	37/2.84	76	10 294	15 163





YSLY 300/500 PVC FLEXIBLE CONTROL CABLE

Plain annealed flexible copper conductors to IEC 60228, PVC insulated, PVC outer sheath. 300/500 volts. Flame propagation to EN 50265-2-1, IEC 60332-1-2.

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY2X0/5	2	0.5	15/0.198	4.9	8.4	32,6
YSLY3X0/5	3	0.5	15/0.198	5.1	12.7	38,9
YSLY4X0/5	4	0.5	15/0.198	5.6	16.9	47,5
YSLY5X0/5	5	0.5	15/0.198	6.3	21.1	58,3
YSLY6X0/5	6	0.5	15/0.198	6.8	25.3	70,7
YSLY7X0/5	7	0.5	15/0.198	6.8	29.5	74
YSLY8X0/5	8	0.5	15/0.198	7.3	33.8	85,4
YSLY10X0/5	10	0.5	15/0.198	8.5	42.2	113,1
YSLY12X0/5	12	0.5	15/0.198	9.0	50.6	128,7
YSLY14X0/5	14	0.5	15/0.198	9.6	59.1	148,7
YSLY18X0/5	18	0.5	15/0.198	10.9	1.9	189,4
YSLY19X0/5	19	0.5	15/0.198	10.9	80.2	188
YSLY21X0/5	21	0.5	15/0.198	11.1	88.6	205,8
YSLY24X0/5	24	0.5	15/0.198	12.6	101.3	248,4
YSLY25X0/5	25	0.5	15/0.198	13.1	105.5	270,4
YSLY27X0/5	27	0.5	15/0.198	13.1	113.9	277
YSLY30X0/5	30	0.5	15/0.198	13.7	126.6	306,1
YSLY34X0/5	34	0.5	15/0.198	14.7	143.5	351,1
YSLY36X0/5	36	0.5	15/0.198	14.7	151.9	351,3
YSLY37X0/5	37	0.5	15/0.198	14.7	156.1	354,7
YSLY40X0/5	40	0.5	15/0.198	15.4	168.8	394,9
YSLY42X0/5	42	0.5	15/0.198	16.6	177.2	444,3
YSLY44X0/5	44	0.5	15/0.198	16.6	185.6	450,9
YSLY48X0/5	48	0.5	15/0.198	17.1	202.5	474,1
YSLY50X0/5	50	0.5	15/0.198	17.8	211.0	513,1
YSLY52X0/5	52	0.5	15/0.198	17.8	219.4	519,8
YSLY60X0/5	60	0.5	15/0.198	18.8	253.2	587,1

Temperature limits: - 15°C
+ 70°C

Max. temperature of conductor - + 70°C

Short-circuit temperature - + 150°C

Bending radius:

6 x overall diameter.

Colors available: Grey.

Core Identification:
 - YSLY-JZ: one core – Green/Yellow, all other cores black with continuous numbering;
 - YSLY-OZ: all cores black with continuous numbering;
 - YSLY-JB: colored cores with Green/Yellow conductor;
 - YSLY-OB: all colored cores

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY61X0/5	61	0.5	15/0.198	18.8	257.4	590,4
YSLY2X0/75	2	0.75	23/0.198	5.4	12.9	41,7
YSLY3X0/75	3	0.75	23/0.198	5.7	19.4	50,5
YSLY4X0/75	4	0.75	23/0.198	6.4	25.9	65
YSLY5X0/75	5	0.75	23/0.198	7.0	32.3	76,2
YSLY6X0/75	6	0.75	23/0.198	7.6	38.8	92,8
YSLY7X0/75	7	0.75	23/0.198	7.6	45.3	97,8
YSLY8X0/75	8	0.75	23/0.198	8.2	51.8	113,1
YSLY9X0/75	9	0.75	23/0.198	9.4	58.2	141,1
YSLY10X0/75	10	0.75	23/0.198	10.0	64.7	158,8
YSLY12X0/75	12	0.75	23/0.198	10.3	77.6	175,5
YSLY14X0/75	14	0.75	23/0.198	10.8	90.6	197,5
YSLY15X0/75	15	0.75	23/0.198	11.5	97.0	221,3
YSLY18X0/75	18	0.75	23/0.198	12.3	116.5	257,2
YSLY19X0/75	19	0.75	23/0.198	12.3	122.9	262,2
YSLY20X0/75	20	0.75	23/0.198	12.6	129.4	275,6
YSLY21X0/75	21	0.75	23/0.198	12.6	135.9	280,6
YSLY24X0/75	24	0.75	23/0.198	14.3	155.3	345,4
YSLY25X0/75	25	0.75	23/0.198	14.8	161.7	366,6
YSLY27X0/75	27	0.75	23/0.198	14.8	174.7	370,1
YSLY30X0/75	30	0.75	23/0.198	15.6	194.1	415,5
YSLY32X0/75	32	0.75	23/0.198	16.1	207.0	445,3
YSLY34X0/75	34	0.75	23/0.198	16.9	220.0	484,2
YSLY36X0/75	36	0.75	23/0.198	16.9	232.9	486,8
YSLY37X0/75	37	0.75	23/0.198	16.9	239.4	491,8
YSLY40X0/75	40	0.75	23/0.198	19.1	265.3	605,7
YSLY42X0/75	42	0.75	23/0.198	19.1	271.7	610,7
YSLY44X0/75	44	0.75	23/0.198	19.1	284.7	620,7
YSLY48X0/75	48	0.75	23/0.198	19.4	310.5	653,6
YSLY50X0/75	50	0.75	23/0.198	19.9	323.5	686
YSLY52X0/75	52	0.75	23/0.198	19.9	336.4	695,9
YSLY60X0/75	60	0.75	23/0.198	21.1	388.2	788,4
YSLY61X0/75	61	0.75	23/0.198	21.1	394.6	793,4
YSLY2X1	2	1	30/0.198	5.5	16.9	47,2
YSLY3X1	3	1	30/0.198	5.9	25.3	57,9
YSLY4X1	4	1	30/0.198	6.6	33.8	74,8
YSLY5X1	5	1	30/0.198	7.2	42.2	88,2
YSLY6X1	6	1	30/0.198	8.0	50.6	111
YSLY7X1	7	1	30/0.198	8.0	59.1	117,7
YSLY8X1	8	1	30/0.198	8.6	67.5	135,8
YSLY9X1	9	1	30/0.198	9.7	1.9	163,2

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY10X1	10	1	30/0.198	10.3	84.4	183,6
YSLY12X1	12	1	30/0.198	10.6	101.3	204,4
YSLY14X1	14	1	30/0.198	11.3	118.1	235,6
YSLY15X1	16	1	30/0.198	12.1	135.0	269,6
YSLY18X1	18	1	30/0.198	12.7	151.9	300
YSLY19X1	19	1	30/0.198	12.7	160.3	306,8
YSLY20X1	20	1	30/0.198	13.3	168.8	328,3
YSLY21X1	21	1	30/0.198	13.3	177.2	335,1
YSLY24X1	24	1	30/0.198	15.2	202.5	416,4
YSLY25X1	25	1	30/0.198	15.5	211.0	433,9
YSLY27X1	27	1	30/0.198	15.5	227.8	447,4
YSLY30X1	30	1	30/0.198	16.3	253.2	493,4
YSLY32X1	32	1	30/0.198	17.7	286.9	573,2
YSLY34X1	34	1	30/0.198	17.7	303.8	586,6
YSLY36X1	36	1	30/0.198	17.7	312.2	593,4
YSLY37X1	37	1	30/0.198	20.0	346.0	714,3
YSLY40X1	40	1	30/0.198	20.0	354.4	721
YSLY42X1	42	1	30/0.198	20.0	371.3	734,5
YSLY44X1	44	1	30/0.198	20.3	405.1	775,6
YSLY48X1	48	1	30/0.198	21.0	421.9	822,6
YSLY50X1	50	1	30/0.198	21.0	438.8	836
YSLY52X1	52	1	30/0.198	21.6	472.6	890,7
YSLY60X1	60	1	30/0.198	22.2	506.3	947,6
YSLY61X1	61	1	30/0.198	22.2	514.8	954,4
YSLY2X1/5	2	1.5	30/0.238	6.3	24.4	62,4
YSLY3X1/5	3	1.5	30/0.238	6.6	36.6	77,2
YSLY4X1/5	4	1.5	30/0.238	7.2	48.8	96,1
YSLY5X1/5	5	1.5	30/0.238	8.1	61.0	117,5
YSLY6X1/5	6	1.5	30/0.238	9.0	73.2	146,9
YSLY7X1/5	7	1.5	30/0.238	9.0	85.3	156,7
YSLY8X1/5	8	1.5	30/0.238	9.7	97.5	180,7
YSLY9X1/5	9	1.5	30/0.238	10.6	109.7	211,2
YSLY10X1/5	10	1.5	30/0.238	11.3	121.9	237,7
YSLY11X1/5	11	1.5	30/0.238	12.1	134.1	266,9
YSLY12X1/5	12	1.5	30/0.238	12.1	146.3	276,6
YSLY15X1/5	14	1.5	30/0.238	12.7	170.7	312,5
YSLY16X1/5	16	1.5	30/0.238	13.5	195.1	356,8
YSLY18X1/5	18	1.5	30/0.238	14.2	219.5	397,6
YSLY19X1/5	19	1.5	30/0.238	14.2	231.7	407,3
YSLY20X1/5	20	1.5	30/0.238	14.8	243.8	434,8
YSLY21X1/5	21	1.5	30/0.238	14.8	256.0	444,5

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY24X1/5	24	1.5	30/0.238	16.8	292.6	541,9
YSLY25X1/5	25	1.5	30/0.238	17.3	304.8	572,6
YSLY27X1/5	27	1.5	30/0.238	17.3	329.2	592
YSLY30X1/5	30	1.5	30/0.238	18.1	365.8	652,5
YSLY32X1/5	32	1.5	30/0.238	19.0	390.2	707,3
YSLY34X1/5	34	1.5	30/0.238	19.0	414.5	726,7
YSLY36X1/5	36	1.5	30/0.238	19.7	438.9	775,8
YSLY37X1/5	37	1.5	30/0.238	19.7	451.1	785,5
YSLY42X1/5	42	1.5	30/0.238	22.2	512.1	950,5
YSLY44X1/5	44	1.5	30/0.238	22.2	536.5	969,9
YSLY48X1/5	48	1.5	30/0.238	22.6	585.2	1026,4
YSLY50X1/5	50	1.5	30/0.238	23.6	609.6	1096,8
YSLY60X1/5	60	1.5	30/0.238	25.1	731.5	1277,7
YSLY61X1/5	61	1.5	30/0.238	25.1	743.7	1287,4
YSLY2X2/5	2	2.5	50/0.238	7.8	40.6	99,1
YSLY3X2/5	3	2.5	50/0.238	8.3	61.0	123,3
YSLY4X2/5	4	2.5	50/0.238	9.2	81.3	158,2
YSLY5X2/5	5	2.5	50/0.238	10.1	101.6	187,7
YSLY6X2/5	6	2.5	50/0.238	10.1	121.9	229,5
YSLY7X2/5	7	2.5	50/0.238	11.2	142.2	250,4
YSLY8X2/5	8	2.5	50/0.238	12.3	162.6	294,9
YSLY10X2/5	10	2.5	50/0.238	14.8	203.2	401,6
YSLY12X2/5	12	2.5	50/0.238	15.3	243.8	449
YSLY14X2/5	14	2.5	50/0.238	16.1	284.5	508
YSLY16X2/5	16	2.5	50/0.238	17.1	325.1	578,7
YSLY18X2/5	18	2.5	50/0.238	18.2	365.8	653,6
YSLY19X2/5	19	2.5	50/0.238	18.2	386.1	669,6
YSLY20X2/5	20	2.5	50/0.238	18.7	406.4	704,4
YSLY21X2/5	21	2.5	50/0.238	18.7	426.7	720,5
YSLY24X2/5	24	2.5	50/0.238	21.2	487.7	880
YSLY25X2/5	25	2.5	50/0.238	22.1	508.0	937,1
YSLY27X2/5	27	2.5	50/0.238	22.1	548.7	969,2
YSLY30X2/5	30	2.5	50/0.238	23.1	609.6	1066
YSLY34X2/5	34	2.5	50/0.238	25.0	690.9	1233,8
YSLY36X2/5	36	2.5	50/0.238	25.0	731.5	1265,9
YSLY37X2/5	37	2.5	50/0.238	25.0	11.9	1281,9
YSLY40X2/5	40	2.5	50/0.238	28.2	812.8	1517,5
YSLY42X2/5	42	2.5	50/0.238	28.4	853.5	1562,1
YSLY48X2/5	48	2.5	50/0.238	29.3	995.7	1713,1
YSLY50X2/5	50	2.5	50/0.238	30.1	1016.0	1796,1
YSLY60X2/5	60	2.5	50/0.238	32.0	1219.2	2090,4

We reserve the right to make technical alterations and misprint without prior notice.

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY61X2/5	61	2.5	50/0.238	32.0	1239.6	2106.4
YSLY3X4	3	4	50/0.3	9.6	96.9	177.47
YSLY4X4	4	4	50/0.3	10.7	129.1	227.83
YSLY5X5	5	4	50/0.3	11.9	161.4	283.32
YSLY7X4	7	4	50/0.3	13.2	226.0	368.90
YSLY12X4	12	4	50/0.3	17.8	387.4	655.25
YSLY3X6	3	6	74/0.3	12.87	143.4	284.11
YSLY4X6	4	6	74/0.3	14.14	191.1	355.62
YSLY5X6	5	6	74/0.3	15.73	238.9	441.82
YSLY7X6	7	6	74/0.3	17.59	334.5	577.85
YSLY19X6	19	6	74/0.3	28.12	907.9	1514.30
YSLY3X10	3	10	73/0.4	16.34	248.0	466.90
YSLY4X10	4	10	73/0.4	18.17	330.6	594.32
YSLY5X10	5	10	73/0.4	20.17	413.3	736.34
YSLY7X10	7	10	73/0.4	22.25	578.6	949.30
YSLY3X16	3	16	119/0.4	18.9	409.8	690.5
YSLY4X16	4	16	119/0.4	21.1	546.4	882.7
YSLY5X16	5	16	119/0.4	23.6	683.1	101.4
YSLY3X25	3	25	182/0.4	23.6	61.0	1100.6
YSLY4X25	4	25	182/0.4	26.4	900.0	1418.0
YSLY5X25	5	25	182/0.4	29.5	1125.0	1721.9
YSLY3X35	3	35	252/0.4	29.0	916.1	1547.3
YSLY4X35	4	35	252/0.4	32.4	1221.5	1985.7
YSLY5X35	5	35	252/0.4	36.1	1526.8	2401.2
YSLY3X50	3	50	371/0.4	30.9	1301.8	2031.2
YSLY4X50	4	50	371/0.4	35.0	1735.8	2651.3
YSLY5X50	5	50	371/0.4	38.9	2169.7	3216.8
YSLY3X70	3	70	342/0.5	38.2	1791.3	2897.6
YSLY4X70	4	70	342/0.5	42.9	2388.4	316.0
YSLY5X70	5	70	342/0.5	47.3	3067.3	4578.2
YSLY3X95	3	95	456/0.5	45.2	2339.7	3872.7
YSLY4X95	4	95	456/0.5	49.9	3119.6	4909.8
YSLY5X95	5	95	456/0.5	55.1	3899.5	5874.9
YSLY3X120	3	120	589/0.5	49.0	3022.1	4765.1
YSLY4X120	4	120	589/0.5	54.2	4029.5	6062.9
YSLY5X120	5	120	589/0.5	59.9	5036.8	7273.3
YSLY3X150	3	150	740/0.5	53.5	3717.8	5831.4
YSLY4X150	4	150	740/0.5	59.2	4957.0	7437.4
YSLY5X150	5	150	740/0.5	65.5	6328.1	9067.9



YSLY 600/1000 PVC FLEXIBLE CONTROL CABLE

Plain annealed flexible copper conductors to IEC 60228, PVC insulated, PVC outer sheath. 600/1000 volts. Flame propagation to EN 50265-2-1, IEC 60332-1-2.

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY1-2X0/5	2	0.5	15/0.198	8.7	8.4	80.1
YSLY1-3X0/5	3	0.5	15/0.198	9.1	12.7	94.8
YSLY1-4X0/5	4	0.5	15/0.198	9.7	16.9	111.5
YSLY1-5X0/5	5	0.5	15/0.198	10.43	21.1	133.3
YSLY1-7X0/5	7	0.5	15/0.198	11.2	29.5	155
YSLY1-8X0/5	8	0.5	15/0.198	12	33.8	175
YSLY1-10X0/5	10	0.5	15/0.198	13.7	42.2	231.8
YSLY1-12X0/5	12	0.5	15/0.198	14.1	50.6	249.9
YSLY1-14X0/5	14	0.5	15/0.198	14.8	59.1	277.2
YSLY1-18X0/5	18	0.5	15/0.198	16.3	75.9	340.9
YSLY1-19X0/5	19	0.5	15/0.198	16.3	80.2	343.9
YSLY1-12X0/5	21	0.5	15/0.198	16.6	88.6	364.2
YSLY1-42X0/5	24	0.5	15/0.198	18.8	101.3	459.2
YSLY1-52X0/5	25	0.5	15/0.198	19.2	105.5	479
YSLY1-72X0/5	27	0.5	15/0.198	19.2	113.9	484.9
YSLY1-30X0/5	30	0.5	15/0.198	19.8	126.6	522.9
YSLY1-34X0/5	34	0.5	15/0.198	21.3	143.5	604.3
YSLY1-37X0/5	37	0.5	15/0.198	21.3	156.1	613.1
YSLY1-40X0/5	40	0.5	15/0.198	22.1	168.8	659.6
YSLY1-42X0/5	42	0.5	15/0.198	23.8	177.2	758.6
YSLY1-44X0/5	44	0.5	15/0.198	23.8	185.6	764.4
YSLY1-50X0/5	50	0.5	15/0.198	24.9	211	840.6
YSLY1-52X0/5	52	0.5	15/0.198	24.9	219.4	846.5
YSLY1-61X0/5	61	0.5	15/0.198	26.4	257.4	960.2
YSLY1-2X0/75	2	0.75	23/0.198	9.2	12.9	95.5
YSLY1-3X0/75	3	0.75	23/0.198	9.6	19.4	108.9
YSLY1-4X0/75	4	0.75	23/0.198	10.3	25.9	129.3

Temperature limits:
- 5°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 150°C

Bending radius:
7,5 x overall diameter.

Colors available: Black.

Core Identification:
- YSLY-JZ 600/1000: one core – Green/Yellow, all other cores black with continuous numbering;
- YSLY-OZ 600/1000: all cores black with continuous numbering;
- YSLY-JB 600/1000: colored cores with Green/Yellow conductor;
- YSLY-OB 600/1000: all colored cores

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY1-5X0/75	5	0.75	23/0.198	11.13	32.3	157.4
YSLY1-6X0/75	6	0.75	23/0.198	12	38.8	178.9
YSLY1-7X0/75	7	0.75	23/0.198	12	45.3	183.4
YSLY1-8X0/75	8	0.75	23/0.198	12.8	51.8	211.1
YSLY1-9X0/75	9	0.75	23/0.198	13.9	58.2	249
YSLY1-10X0/75	10	0.75	23/0.198	14.8	64.7	280.5
YSLY1-12X0/75	12	0.75	23/0.198	15.2	77.6	304
YSLY1-14X0/75	14	0.75	23/0.198	15.9	90.6	338.5
YSLY1-15X0/75	15	0.75	23/0.198	16.7	97	372.5
YSLY1-18X0/75	18	0.75	23/0.198	17.5	116.5	418.5
YSLY1-19X0/75	19	0.75	23/0.198	17.5	122.9	423
YSLY1-02X0/75	20	0.75	23/0.198	18	129.4	444.8
YSLY1-12X0/75	21	0.75	23/0.198	18	135.9	449.3
YSLY1-42X0/75	24	0.75	23/0.198	20.3	155.3	565.7
YSLY1-52X0/75	25	0.75	23/0.198	20.8	161.7	590.4
YSLY1-72X0/75	27	0.75	23/0.198	20.8	174.7	599.4
YSLY1-30X0/75	30	0.75	23/0.198	21.5	194.1	647.9
YSLY1-32X0/75	32	0.75	23/0.198	22.3	207	696.8
YSLY1-34X0/75	34	0.75	23/0.198	23.1	220	749.2
YSLY1-37X0/75	37	0.75	23/0.198	23.1	239.4	762.7
YSLY1-41X0/75	41	0.75	23/0.198	25.9	265.3	937.5
YSLY1-42X0/75	42	0.75	23/0.198	25.9	271.7	942
YSLY1-44X0/75	44	0.75	23/0.198	25.9	284.7	951
YSLY1-50X0/75	50	0.75	23/0.198	27.1	323.5	1048.3
YSLY1-52X0/75	52	0.75	23/0.198	27.1	336.4	1057.3
YSLY1-61X0/75	61	0.75	23/0.198	28.7	394.6	1202.6
YSLY1-2X1	2	1	30/0.198	9.3	16.9	102.3
YSLY1-3X1	3	1	30/0.198	9.8	25.3	117.8
YSLY1-4X1	4	1	30/0.198	10.5	33.8	140.8
YSLY1-5X1	5	1	30/0.198	11.35	42.2	171.4
YSLY1-6X1	6	1	30/0.198	12.2	50.6	195.8
YSLY1-7X1	7	1	30/0.198	12.2	59.1	202.1
YSLY1-8X1	8	1	30/0.198	13.1	67.5	232.7
YSLY1-9X1	9	1	30/0.198	14.2	75.9	274.1
YSLY1-10X1	10	1	30/0.198	15.1	84.4	308.8
YSLY1-12X1	12	1	30/0.198	15.5	101.3	336.5
YSLY1-14X1	14	1	30/0.198	16.3	118.1	375.8
YSLY1-16X1	16	1	30/0.198	17.1	135	419.3
YSLY1-18X1	18	1	30/0.198	17.9	151.9	466
YSLY1-19X1	19	1	30/0.198	17.9	160.3	472.2
YSLY1-02X1	20	1	30/0.198	18.4	168.8	496.7

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY1-12X1	21	1	30/0.198	18.4	177.2	502.9
YSLY1-42X1	24	1	30/0.198	20.8	202.5	630.1
YSLY1-5X1	25	1	30/0.198	21.3	211	657.6
YSLY1-7X1	27	1	30/0.198	21.3	227.8	670
YSLY1-30X1	30	1	30/0.198	22	253.2	725.6
YSLY1-34X1	34	1	30/0.198	23.7	286.9	838.5
YSLY1-37X1	37	1	30/0.198	23.7	312.2	857.1
YSLY1-41X1	41	1	30/0.198	26.6	346	1047.6
YSLY1-42X1	42	1	30/0.198	26.6	354.4	1053.8
YSLY1-44X1	44	1	30/0.198	26.6	371.3	1066.2
YSLY1-50X1	50	1	30/0.198	27.7	421.9	1177.8
YSLY1-52X1	52	1	30/0.198	27.7	438.8	1190.2
YSLY1-56X1	56	1	30/0.198	28.8	472.6	1281.5
YSLY1-61X1	61	1	30/0.198	29.6	514.8	1370.5
YSLY1-2X1/5	2	1.5	30/0.238	9.9	24.4	118.9
YSLY1-3X1/5	3	1.5	30/0.238	10.3	36.6	138.7
YSLY1-4X1/5	4	1.5	30/0.238	11.1	48.8	167.2
YSLY1-5X1/5	5	1.5	30/0.238	12	61	203.3
YSLY1-6X1/5	6	1.5	30/0.238	13	73.2	234.8
YSLY1-7X1/5	7	1.5	30/0.238	13	85.3	243.9
YSLY1-8X1/5	8	1.5	30/0.238	13.9	97.5	281.3
YSLY1-9X1/5	9	1.5	30/0.238	15.2	109.7	331.4
YSLY1-10X1/5	10	1.5	30/0.238	16.1	121.9	373.7
YSLY1-11X1/5	11	1.5	30/0.238	16.6	134.1	400.6
YSLY1-12X1/5	12	1.5	30/0.238	16.6	146.3	409.7
YSLY1-14X1/5	14	1.5	30/0.238	17.4	170.7	459.2
YSLY1-16X1/5	16	1.5	30/0.238	18.3	195.1	513.7
YSLY1-18X1/5	18	1.5	30/0.238	19.2	219.5	571.9
YSLY1-19X1/5	19	1.5	30/0.238	19.2	231.7	581
YSLY1-02X1/5	20	1.5	30/0.238	19.7	243.8	611.5
YSLY1-12X1/5	21	1.5	30/0.238	19.7	256	620.6
YSLY1-42X1/5	24	1.5	30/0.238	22.4	292.6	775
YSLY1-52X1/5	25	1.5	30/0.238	22.8	304.8	809
YSLY1-72X1/5	27	1.5	30/0.238	22.8	329.2	827.2
YSLY1-30X1/5	30	1.5	30/0.238	23.7	365.8	897.7
YSLY1-32X1/5	32	1.5	30/0.238	24.5	390.2	965.3
YSLY1-34X1/5	34	1.5	30/0.238	24.5	414.5	983.5
YSLY1-37X1/5	37	1.5	30/0.238	25.5	451.1	1064.7
YSLY1-42X1/5	42	1.5	30/0.238	28.8	512.1	1317.8
YSLY1-44X1/5	44	1.5	30/0.238	28.8	536.5	1336
YSLY1-50X1/5	50	1.5	30/0.238	30.1	609.6	1478.4

Flexible Cables, Control and Speaker Cables

continuation of a table

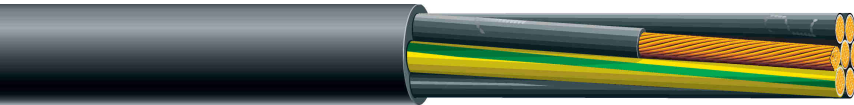
ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY1-61X1/5	61	1.5	30/0.238	32.1	743.7	1724.3
YSLY1-2X2/5	2	2.5	50/0.238	10.8	40.6	152.8
YSLY1-3X2/5	3	2.5	50/0.238	11.4	61	181.7
YSLY1-4X2/5	4	2.5	50/0.238	12.3	81.3	221.6
YSLY1-5X2/5	5	2.5	50/0.238	13.3	101.6	269.1
YSLY1-7X2/5	7	2.5	50/0.238	14.4	142.2	330.4
YSLY1-8X2/5	8	2.5	50/0.238	15.5	162.6	382
YSLY1-10X2/5	10	2.5	50/0.238	18	203.2	508.2
YSLY1-12X2/5	12	2.5	50/0.238	18.6	243.8	561.6
YSLY1-14X2/5	14	2.5	50/0.238	19.5	284.5	632.5
YSLY1-16X2/5	16	2.5	50/0.238	20.5	325.1	709.9
YSLY1-18X2/5	18	2.5	50/0.238	21.6	365.8	792.3
YSLY1-19X2/5	19	2.5	50/0.238	21.6	386.1	807.5
YSLY1-02X2/5	20	2.5	50/0.238	22.2	406.4	850.4
YSLY1-12X2/5	21	2.5	50/0.238	22.2	426.7	865.6
YSLY1-42X2/5	24	2.5	50/0.238	25.2	487.7	1076.6
YSLY1-52X2/5	25	2.5	50/0.238	25.8	508	1124.3
YSLY1-72X2/5	27	2.5	50/0.238	25.8	548.7	1154.6
YSLY1-30X2/5	30	2.5	50/0.238	26.7	609.6	1256.6
YSLY1-34X2/5	34	2.5	50/0.238	29	690.9	1465.5
YSLY1-37X2/5	37	2.5	50/0.238	29	751.9	1511
YSLY1-40X2/5	40	2.5	50/0.238	32.8	812.8	1827.6
YSLY1-42X2/5	42	2.5	50/0.238	32.8	853.5	1858
YSLY1-50X2/5	50	2.5	50/0.238	34.5	1016	2110.9
YSLY1-61X2/5	61	2.5	50/0.238	36.6	1239.6	2451.4
YSLY1-3X4	3	4	50/0.3	12.6	96.9	218.9
YSLY1-4X4	4	4	50/0.3	13.3	129.1	263.4
YSLY1-5X4	5	4	50/0.3	15.8	161.4	392.3
YSLY1-7X4	7	4	50/0.3	17.2	226	491.8
YSLY1-12X4	12	4	50/0.3	22.4	387.4	847.9
YSLY1-3X6	3	6	74/0.3	15.8	143.4	368.5
YSLY1-4X6	4	6	74/0.3	17.3	191.1	455.9
YSLY1-5X6	5	6	74/0.3	18.9	238.9	548.7
YSLY1-7X6	7	6	74/0.3	20.6	334.5	695.8
YSLY1-19X6	19	6	74/0.3	32.3	907.9	1796.2
YSLY1-3X10	3	10	73/0.4	18.4	248	538.6
YSLY1-4X10	4	10	73/0.4	20.2	330.6	672.4
YSLY1-5X10	5	10	73/0.4	22.2	413.3	808.5
YSLY1-7X10	7	10	73/0.4	24.3	578.6	1042.5
YSLY1-3X16	3	16	119/0.4	20.8	409.8	765.4
YSLY1-4X16	4	16	119/0.4	22.9	546.4	964.2

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YSLY1-5X16	5	16	119/0.4	25.2	683.1	1161.5
YSLY1-7X16	7	16	119/0.4	27.6	956.3	1520.1
YSLY1-3X25	3	25	182/0.4	25.3	675	1188.2
YSLY1-4X25	4	25	182/0.4	28.2	900	1518
YSLY1-5X25	5	25	182/0.4	31.3	1125	1838.2
YSLY1-3X35	3	35	252/0.4	29.6	916.1	1585.5
YSLY1-4X35	4	35	252/0.4	33	1221.5	2023.1
YSLY1-5X35	5	35	252/0.4	36.6	1526.8	2438.8
YSLY1-3X50	3	50	371/0.4	31.8	1301.8	2103
YSLY1-4X50	4	50	371/0.4	35.3	1735.8	2678.7
YSLY1-5X50	5	50	371/0.4	39.2	2169.7	3240.1
YSLY1-3X70	3	70	342/0.5	37.4	1791.3	2832.3
YSLY1-4X70	4	70	342/0.5	41.5	2388.4	3609.3
YSLY1-5X70	5	70	342/0.5	46.1	3067.3	4455
YSLY1-3X95	3	95	456/0.5	44	2339.7	3745.5
YSLY1-4X95	4	95	456/0.5	48.9	3119.6	4792.1
YSLY1-5X95	5	95	456/0.5	54.5	3899.5	5802.6
YSLY1-3X120	3	120	589/0.5	48	3022.1	4654.3
YSLY1-4X120	4	120	589/0.5	53.6	4029.5	5965.2
YSLY1-3X150	3	150	740/0.5	51.8	3717.8	5636.1
YSLY1-4X150	4	150	740/0.5	57.8	4957	7233.8

Flexible Cables, Control and Speaker Cables



NYC CONTROL CABLE

Plain annealed bare copper conductors to IEC 60228, PVC insulated, PVC outer sheath. Black. 600/1000 volts. Manufactured to DIN VDE 0276-627 :2006-09; HD 627 S1:1996 + A1:2000 +A2:2005

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NYC7X1/5RE	7	1.5	1/1.36	14.48	91.99	318.1
NYC10X1/5RE	10	1.5	1/1.36	17.44	131.42	464.26
NYC12X1/5RE	12	1.5	1/1.36	17.88	157.7	502.02
NYC14X1/5RE	14	1.5	1/1.36	18.67	183.99	569.41
NYC19X1/5RE	19	1.5	1/1.36	20.4	249.7	705.03
NYC24X1/5RE	24	1.5	1/1.36	23.36	315.41	919.75
NYC27X1/5RE	27	1.5	1/1.36	23.82	354.83	976.91
NYC30X1/5RE	30	1.5	1/1.36	24.59	394.26	1025.82
NYC37X1/5RE	37	1.5	1/1.36	26.32	486.25	1201.51
NYC7X2/5RE	7	2.5	1/1.73	15.59	148.86	404.4
NYC10X2/5RE	10	2.5	1/1.73	18.92	212.65	595.75
NYC12X2/5RE	12	2.5	1/1.73	19.43	255.18	651.27
NYC14X2/5RE	14	2.5	1/1.73	20.3	297.72	741.09
NYC19X2/5RE	19	2.5	1/1.73	22.25	404.04	928.81
NYC24X2/5RE	24	2.5	1/1.73	25.58	510.37	1214.37
NYC27X2/5RE	27	2.5	1/1.73	26.09	574.16	1297.44
NYC30X2/5RE	30	2.5	1/1.73	26.96	637.96	1372.16
NYC37X2/5RE	37	2.5	1/1.73	29.11	786.82	1631.68
NYC7X4RE	7	4	1/2.2	18.2	235.91	589.94
NYC10X4RE	10	4	1/2.2	22.4	337.02	884.54
NYC12X4RE	12	4	1/2.2	23.05	404.42	973.72
NYC14X4RE	14	4	1/2.2	24.14	471.82	1091.24
NYC19X4RE	19	4	1/2.2	26.6	640.33	1380.29

Temperature limits:
- 20°C - + 70°C

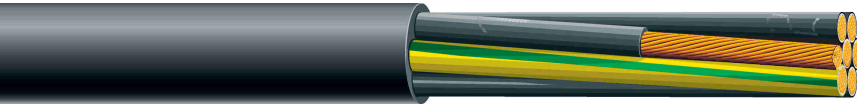
Max. temperature of conductor: + 70°C

Bending radius:
12 x overall diameter.

Colors available: Black.

Core Identification:
One core Green/Yellow,
all other cores black with
continuous numbering.

Flexible Cables, Control and Speaker Cables



YY CONTROL CABLE

Plain annealed flexible copper conductors, PVC insulated, PVC sheathed. Grey. 300/500 volts grade, generally to BS EN 50525-2-51, BS 6500.

ECG Code	No. of Cores	Conductor Size (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YY2X0/5	2	0.5	15/0.198	5.7	8.4	33.1
YY3X0/5	3	0.5	15/0.198	6	12.7	42.5
YY4X0/5	4	0.5	15/0.198	6.7	16.9	55.8
YY5X0/5	5	0.5	15/0.198	7.4	21.1	66.5
YY6X0/5	6	0.5	15/0.198	8.2	25.3	81
YY7X0/5	7	0.5	15/0.198	8.2	29.5	89.4
YY8X0/5	8	0.5	15/0.198	8.8	33.8	100.5
YY10X0/5	10	0.5	15/0.198	10.5	42.2	128.4
YY12X0/5	12	0.5	15/0.198	11.1	50.6	151.8
YY14X0/5	14	0.5	15/0.198	11.6	59.1	171.4
YY18X0/5	18	0.5	15/0.198	13.1	75.9	217.4
YY19X0/5	19	0.5	15/0.198	13.1	80.2	225.8
YY21X0/5	21	0.5	15/0.198	13.4	88.6	244.3
YY24X0/5	24	0.5	15/0.198	15.2	101.3	279.6
YY25X0/5	25	0.5	15/0.198	15.5	105.5	289.8
YY27X0/5	27	0.5	15/0.198	15.9	113.9	321.3
YY30X0/5	30	0.5	15/0.198	16.5	126.6	350.1
YY34X0/5	34	0.5	15/0.198	17.7	143.5	391.7
YY36X0/5	36	0.5	15/0.198	17.9	151.9	416.8
YY37X0/5	37	0.5	15/0.198	18	156.1	427
YY40X0/5	40	0.5	15/0.198	18.6	168.8	458.7
YY42X0/5	42	0.5	15/0.198	20.2	177.2	491.2
YY44X0/5	44	0.5	15/0.198	20.2	185.6	507.9
YY48X0/5	48	0.5	15/0.198	18.8	202.5	460.9
YY50X0/5	50	0.5	15/0.198	21.3	211	575
YY52X0/5	52	0.5	15/0.198	21.3	219.4	591.7
YY60X0/5	60	0.5	15/0.198	22.8	253.2	679.3

Temperature limits: - 15°C - + 70°C
 Max. temperature of conductor: + 70°C
 Short-circuit temperature: + 150°C
 Bending radius: 6 x overall diameter.
 Colors available: Grey.
 Core Identification:
 - 2 cores: Black with white numbers
 - 3 cores and more: Green/Yellow and black with white numbers
 Also available with colored cores as follows:
 - 2 cores: Brown – Blue
 - 3 cores: Green/Yellow – Brown – Blue
 - 4 cores: Green/Yellow – Grey – Black – Brown
 - 5 cores: Green/Yellow – Grey – Black – Brown – Blue
 - 7 cores: Green/Yellow – Grey – Black – Brown – Blue – Red – Purple

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YY61X0/5	61	0.5	15/0.198	22.8	257.4	687.6
YY2X0/75	2	0.75	23/0.198	6.4	12.9	43.6
YY3X0/75	3	0.75	23/0.198	6.7	19.4	56.3
YY4X0/75	4	0.75	23/0.198	7.4	25.9	69.9
YY5X0/75	5	0.75	23/0.198	8.2	32.3	87.6
YY6X0/75	6	0.75	23/0.198	9	38.8	102
YY7X0/75	7	0.75	23/0.198	9.2	45.3	117.6
YY8X0/75	8	0.75	23/0.198	9.9	51.8	132.2
YY9X0/75	9	0.75	23/0.198	10.8	58.2	148
YY10X0/75	10	0.75	23/0.198	11.6	64.7	162.7
YY12X0/75	12	0.75	23/0.198	12.1	77.6	192.7
YY14X0/75	14	0.75	23/0.198	12.7	90.6	218.5
YY15X0/75	15	0.75	23/0.198	13.4	97	233.4
YY18X0/75	18	0.75	23/0.198	14.5	116.5	284.5
YY19X0/75	19	0.75	23/0.198	14.5	122.9	295.8
YY20X0/75	20	0.75	23/0.198	14.9	129.4	309.4
YY21X0/75	21	0.75	23/0.198	15.1	135.9	327.7
YY24X0/75	24	0.75	23/0.198	17.1	155.3	375
YY25X0/75	25	0.75	23/0.198	17.5	161.7	388.7
YY27X0/75	27	0.75	23/0.198	17.7	174.7	420.8
YY30X0/75	30	0.75	23/0.198	18.4	194.1	461
YY32X0/75	32	0.75	23/0.198	19.1	207	490.7
YY34X0/75	34	0.75	23/0.198	19.9	220	520.9
YY36X0/75	36	0.75	23/0.198	19.9	232.9	544.9
YY37X0/75	37	0.75	23/0.198	19.9	239.4	554.9
YY41X0/75	41	0.75	23/0.198	22.4	265.3	626.7
YY42X0/75	42	0.75	23/0.198	22.4	271.7	638
YY44X0/75	44	0.75	23/0.198	22.4	284.7	660.6
YY48X0/75	48	0.75	23/0.198	23.1	310.5	722.9
YY50X0/75	50	0.75	23/0.198	23.7	323.5	750.8
YY52X0/75	52	0.75	23/0.198	23.7	336.4	773.4
YY60X0/75	60	0.75	23/0.198	25.5	388.2	899.5
YY61X0/75	61	0.75	23/0.198	25.5	394.6	910.8
YY2X1	2	1	30/0.198	6.5	16.9	48.6
YY3X1	3	1	30/0.198	7	25.3	64.5
YY4X1	4	1	30/0.198	7.6	33.8	79.4
YY5X1	5	1	30/0.198	8.5	42.2	99.5
YY6X1	6	1	30/0.198	9.4	50.6	120.6
YY7X1	7	1	30/0.198	9.4	59.1	134.1
YY8X1	8	1	30/0.198	10.2	67.5	151
YY9X1	9	1	30/0.198	11.3	75.9	174.5

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YY10X1	10	1	30/0.198	12.1	84.4	191.8
YY12X1	12	1	30/0.198	12.7	101.3	226.7
YY14X1	14	1	30/0.198	13.3	118.1	257.3
YY16X1	16	1	30/0.198	14	135	288.3
YY18X1	18	1	30/0.198	14.9	151.9	326.4
YY19X1	19	1	30/0.198	14.9	160.3	339.9
YY20X1	20	1	30/0.198	15.3	168.8	355.8
YY21X1	21	1	30/0.198	15.3	177.2	369.3
YY24X1	24	1	30/0.198	17.6	202.5	430.8
YY25X1	25	1	30/0.198	18	211	446.8
YY27X1	27	1	30/0.198	18.3	227.8	485
YY30X1	30	1	30/0.198	19	253.2	536.2
YY34X1	34	1	30/0.198	20.5	286.9	601.1
YY36X1	36	1	30/0.198	20.7	303.8	637.8
YY37X1	37	1	30/0.198	20.7	312.2	651.3
YY41X1	41	1	30/0.198	23.1	346	724.1
YY42X1	42	1	30/0.198	23.4	354.4	749.5
YY44X1	44	1	30/0.198	23.4	371.3	776.5
YY48X1	48	1	30/0.198	23.9	405.1	844.9
YY50X1	50	1	30/0.198	24.6	421.9	877.7
YY52X1	52	1	30/0.198	24.6	438.8	904.7
YY56X1	56	1	30/0.198	25.5	472.6	976.9
YY60X1	60	1	30/0.198	26.4	506.3	1050.3
YY61X1	61	1	30/0.198	26.4	514.8	1063.8
YY2X1/5	2	1.5	30/0.238	7.5	24.4	63.5
YY3X1/5	3	1.5	30/0.238	8.1	36.6	88.2
YY4X1/5	4	1.5	30/0.238	8.9	48.8	110.6
YY5X1/5	5	1.5	30/0.238	9.9	61	138
YY6X1/5	6	1.5	30/0.238	11	73.2	166.5
YY7X1/5	7	1.5	30/0.238	11.2	85.3	190.9
YY8X1/5	8	1.5	30/0.238	12.1	97.5	215.1
YY9X1/5	9	1.5	30/0.238	13.2	109.7	240.9
YY10X1/5	10	1.5	30/0.238	14.1	121.9	265.1
YY11X1/5	11	1.5	30/0.238	14.6	134.1	286.8
YY12X1/5	12	1.5	30/0.238	14.8	146.3	313
YY14X1/5	14	1.5	30/0.238	15.5	170.7	356
YY16X1/5	16	1.5	30/0.238	16.6	195.1	407.4
YY18X1/5	18	1.5	30/0.238	17.7	219.5	460.8
YY19X1/5	19	1.5	30/0.238	17.7	231.7	480.1
YY20X1/5	20	1.5	30/0.238	18.3	243.8	510
YY21X1/5	21	1.5	30/0.238	18.3	256	529.2

Flexible Cables, Control and Speaker Cables

continuation of a table

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
YY24X1/5	24	1.5	30/0.238	21	292.6	615.3
YY25X1/5	25	1.5	30/0.238	21.4	304.8	638.2
YY27X1/5	27	1.5	30/0.238	21.6	329.2	686.7
YY30X1/5	30	1.5	30/0.238	22.4	365.8	750.8
YY32X1/5	32	1.5	30/0.238	23.4	390.2	807.3
YY34X1/5	34	1.5	30/0.238	23.4	414.5	845.8
YY36X1/5	36	1.5	30/0.238	24.5	438.9	903.5
YY37X1/5	37	1.5	30/0.238	24.5	451.1	922.8
YY42X1/5	42	1.5	30/0.238	27.4	512.1	1046.4
YY44X1/5	44	1.5	30/0.238	27.6	536.5	1097.8
YY48X1/5	48	1.5	30/0.238	28.3	585.2	1192.4
YY50X1/5	50	1.5	30/0.238	29	609.6	1238.7
YY60X1/5	60	1.5	30/0.238	31.1	731.5	1477.8
YY61X1/5	61	1.5	30/0.238	31.1	743.7	1497
YY2X2/5	2	2.5	50/0.238	9.2	40.6	99.5
YY3X2/5	3	2.5	50/0.238	10	61	137.1
YY4X2/5	4	2.5	50/0.238	10.9	81.3	172.4
YY5X2/5	5	2.5	50/0.238	12.1	101.6	213.8
YY6X2/5	6	2.5	50/0.238	12.1	121.9	244.3
YY7X2/5	7	2.5	50/0.238	13.4	142.2	287.1
YY8X2/5	8	2.5	50/0.238	14.5	162.6	324.1
YY10X2/5	10	2.5	50/0.238	17.2	203.2	408.4
YY12X2/5	12	2.5	50/0.238	18	243.8	483.4
YY14X2/5	14	2.5	50/0.238	19	284.5	553.9
YY16X2/5	16	2.5	50/0.238	20.3	325.1	635.9
YY18X2/5	18	2.5	50/0.238	21.6	365.8	715.5
YY19X2/5	19	2.5	50/0.238	21.6	386.1	746
YY20X2/5	20	2.5	50/0.238	22.4	406.4	791.6
YY21X2/5	21	2.5	50/0.238	22.4	426.7	822
YY24X2/5	24	2.5	50/0.238	25.6	487.7	952.6
YY25X2/5	25	2.5	50/0.238	26.2	508	988.2
YY27X2/5	27	2.5	50/0.238	26.4	548.7	1061.4
YY30X2/5	30	2.5	50/0.238	27.5	609.6	1174.9
YY34X2/5	34	2.5	50/0.238	29.6	690.9	1318.4
YY36X2/5	36	2.5	50/0.238	29.8	731.5	1393.3
YY37X2/5	37	2.5	50/0.238	29.8	751.9	1423.7
YY40X2/5	40	2.5	50/0.238	33.4	812.8	1554
YY42X2/5	42	2.5	50/0.238	33.4	853.5	1614.9
YY48X2/5	48	2.5	50/0.238	34.2	995.7	1849.9
YY50X2/5	50	2.5	50/0.238	35.1	1016	1890.9
YY60X2/5	60	2.5	50/0.238	37.2	1219.2	2219.1
YY61X2/5	61	2.5	50/0.238	37.2	1239.6	2249.5



H05V-K PVC

Flexible plain annealed copper conductor, PVC outer sheath. Manufactured to EN 50525-2-31, BS 6004:2012. 300/500 volts grade to BS EN 50525-2-3. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H05VK0/5	0.5	16/0.2	2.12	4.16	8.2
H05VK0/75	0.75	24/0.2	2.37	6.37	11.1
H05VK1	1	32/0.2	2.5	8.87	13.9

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 150°C

Bending radius: 4 x overall diameter.

Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements



H07V-K PVC

Flexible plain annealed copper conductor, PVC outer sheath. Manufactured to EN 50525-2-31, BS 6004:2012. 450/750 volts. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H07VK1/5	1.5	30/0.25	3	12,01	19,2
H07VK2/5	2.5	50/0.25	3.6	20,02	30
H07VK4	4	56/0.25	4.2	31,81	43,9
H07VK6	6	84/0.3	5	47,08	62,8
H07VK10	10	80/0.4	6.5	82,4	108,2
H07VK16	16	126/0.4	8	134,33	167,1
H07VK25	25	196/0.4	9.9	212,82	261,7
H07VK35	35	276/0.4	10.9	284,46	339
H07VK50	50	396/0.4	13.3	418,78	496,8
H07VK70	70	360/0.5	15.3	603,2	694,3
H07VK95	95	475/0.5	17.3	817,84	935,5
H07VK120	120	608/0.5	19.7	1038,84	1174,5
H07VK150	150	756/0.5	21.6	1305,17	1472,1
H07VK185	185	925/0.5	23.3	1500,94	1700,5
H07VK240	240	1221/0.5	27.2	2088,27	2345,9

Temperature limits: - 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 150°C

Bending radius: 4 x overall diameter.

Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements



H03VV-F (218*Y) PVC FLEXIBLE CORDS

Plain annealed flexible copper conductors to IEC 60228, PVC insulated, PVC outer sheath. 300/500 volts. Flame propagation to IEC 60332-1-2. EN 50265-2-1

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H03VVVF2X0/5	2	0.5	15/0.198	5.04	8.46	35.3
H03VVVF2X0/75	2	0.75	23/0.198	5.54	12.96	44.6
H03VVVF3X0/5	3	0.5	15/0.198	5.33	12.68	42.0
H03VVVF3X0/75	3	0.75	23/0.198	5.87	19.45	53.8
H03VVVF4X0/5	4	0.5	15/0.198	5.8	16.9	52.0
H03VVVF4X0/75	4	0.75	23/0.198	6.4	25.9	67.0

Temperature limits: - 15°C
+ 70°C

Max. temperature of conductor - + 70°C

Short-circuit temperature: + 150°C

Bending radius:
3 x overall diameter.

Colors available:
White, Black or Grey.

Core Identification:
- 2 cores: Brown - Blue;
- 3 cores : Green/Yellow
- Brown - Blue;
- 4 cores : Green/Yellow
- Grey - Black - Brown;

Flexible Cables, Control and Speaker Cables



H05VV-F (318*X) PVC FLEXIBLE CORDS

Plain annealed flexible copper conductors to IEC 60228, PVC insulated, PVC outer sheath. 300/500 volts. Flame propagation to IEC 60332-1-2, EN 50265-2-1

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
H05VVF2X0/75	2	0.75	23/0.198	6.34	12.96	55.33
H05VVF2X1	2	1	30/0.198	6.60	18.04	63.48
H05VVF2X1/5	2	1.5	30/0.238	7.60	26.96	86.49
H05VVF2X2/5	2	2.5	50/0.238	9.20	41.34	128.01
H05VVF2X4	2	4	5/0.3	10.6	67.3	179.0
H05VVF3X0/75	3	0.75	23/0.198	6.70	19.45	65.63
H05VVF3X1	3	1	30/0.198	6.99	27.06	76.49
H05VVF3X1/5	3	1.5	30/0.238	8.26	40.44	108.93
H05VVF3X2/5	3	2.5	50/0.238	9.95	62.00	160.47
H05VVF3X4	3	4	5/0.3	11.2	100.9	221.0
H05VVF4X0/75	4	0.75	23/0.198	7.32	25.93	80.33
H05VVF4X1	4	1	30/0.198	7.84	36.08	97.83
H05VVF4X1/5	4	1.5	30/0.238	9.24	53.92	138.90
H05VVF4X2/5	4	2.5	50/0.238	10.89	82.67	198.66
H05VVF4X4	4	4	5/0.3	12.5	134.6	282.0
H05VVF5X0/75	5	0.75	23/0.198	8.20	32.41	100.67
H05VVF5X1	5	1	30/0.198	8.55	45.09	118.18
H05VVF5X1/5	5	1.5	30/0.238	10.30	67.40	172.86
H05VVF5X2/5	5	2.5	50/0.238	12.12	103.34	246.79
H05VVF5X4	5	4	5/0.3	14.14	168.0	356.0

Temperature limits:
- 15°C - + 70°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 150°C

Bending radius: 3 x overall diameter.

Colors available:
White, Black or Grey.

Core Identification:
- 2 cores: Brown - Blue;
- 3 cores: Green/Yellow - Brown - Blue;
- 4 cores: Green/Yellow - Grey - Black - Brown;
- 5 cores: Green/Yellow - Grey - Black - Brown - Blue



H05V2-K/H07V2-K

Plain annealed stranded circular copper conductor, PVC outer sheath. Manufactured to EN 50525-2-31. H05V2-K 300/500 volts and H07V2-K 450/750 volts. Flame propagation to, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)	
H05V2K0/5	0.5	16/0.2	2,12	4,16	8,3	Temperature limits: - 30°C - + 90°C Max. temperature of conductor: + 90°C Short-circuit temperature: + 150°C Bending radius: 6 x overall diameter. Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements
H05V2K0/75	0.75	24/0.2	2,37	6,37	11,2	
H05V2K1	1	32/0.2	2,5	8,31	13,5	
H07V2K1/5	1.5	30/0.25	3.0	11,9	19,2	
H07V2K2/5	2.5	50/0.25	3,6	19,8	30,1	
H07V2K4	4	56/0.25	4,2	31,5	43,9	
H07V2K6	6	84/0.3	5.0	46,6	62,8	
H07V2K10	10	80/0.4	6,5	81,6	108,1	
H07V2K16	16	126/0.4	8.0	133.0	166,7	
H07V2K25	25	196/0.4	9,9	210,7	261,0	
H07V2K35	35	276/0.4	10,9	281,6	337,8	



Tri-rated cable

Plain annealed stranded circular copper conductor, high temperature PVC outer sheath. Manufactured to BS 6231, UL 758, CSA 22.2. UL, CSA - 450 / 750 volts, and BS 6231 - 600/1000 volts. Flame propagation to BS EN 50265-2-1, IEC 60332-1-2.

ECG Code	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
Tri rated10	10	80/0.4	6,5	81,6	106,9
Tri rated16	16	126/0.4	8	133,0	165,3
Tri rated25	25	196/0.4	9,9	210,7	258,8
Tri rated35	35	276/0.4	10,9	281,6	335,3
Tri rated50	50	396/0.4	13,3	414,6	491,4
Tri rated70	70	360/0.5	15,3	597,1	686,9
Tri rated95	95	475/0.5	17,3	809,6	925,4
Tri rated120	120	608/0.5	19,7	1028,4	1161,9
Tri rated150	150	756/0.5	21,6	1292,0	1456,4
Tri rated185	185	925/0.5	23,3	1485,8	1682,3
Tri rated240	240	1221/0.5	27,2	2067,2	2320,9

Temperature limits:
- 30°C - + 105°C

Max. temperature of conductor: + 70°C

Short-circuit temperature: + 150°C

Bending radius: 6 x overall diameter.

Standard colors available: Green/Yellow, Blue, Red, Brown, Black, Green, Yellow, Violet. Other colors are available according to customer requirements



NYIFY-F PVC FLAT FLEXIBLE CABLE

Plain annealed flexible copper conductor, PVC insulated, PVC outer sheathed, 300/500 volts. Flame propagation to IEC 60332-1-2.

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)
NYIFYF2X1/5	2	1.5	30/0.238	4.0x12.5	24.02	63.5
NYIFYF2X2/5	2	2.5	50/0.238	5.2x13.5	40.04	92.5
NYIFYF2X4	2	4	50/0.3	6.0x15.5	63.62	123.3
NYIFYF3X1/5	3	1.5	30/0.238	4.4x19.0	36.04	95.3

Temperature limits:
- 30°C - + 70°C

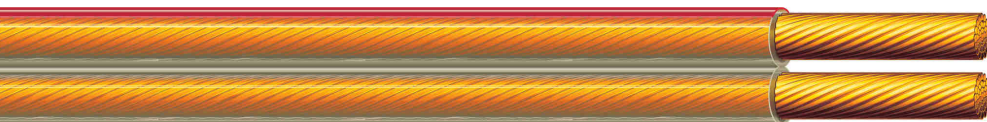
Max. temperature of conductor: + 70°C

Short-circuit temperature: + 160°C

Bending radius:
8 x overall diameter.

Colors available: White.
Core Identification:
- 2 cores: Brown - Blue;
- 3 cores : Brown - Black - Grey

Flexible Cables, Control and Speaker Cables



Speaker cable

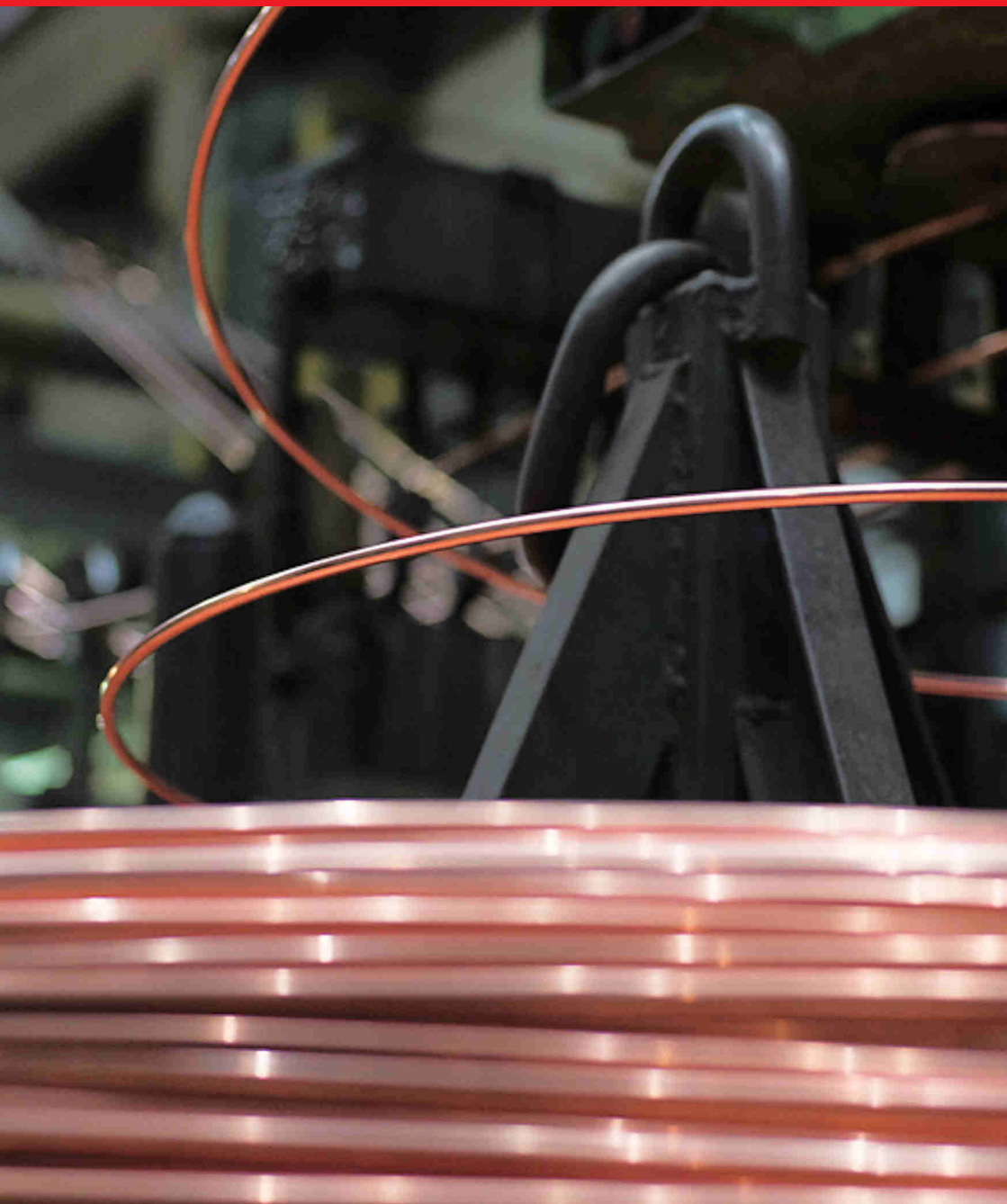
2 parallel laid plain annealed copper conductors to IEC 60228 class 5, PVC insulated. 50/80 volts. Flame propagation to IEC60332-1-2.

ECG Code	No. of Cores	Conductor Size, (mm ²)	Stranding	Overall Diameter (mm)	Cu Weight (Kg/km)	Cable Weight (Kg/km)	Temperature range during installation: -5 to +70°C
NYFAZ2X0/75	2	0.75	23x0,198	2.5 x 5.2	12.6	23.2	Temperature range fixed installed: -30 to +70°C
NYFAZ2X1	2	1	30x0,198	2.6 x 5.4	16.4	27.8	
NYFAZ2X1/5	2	1.5	30x0,238	2.9 x 6.0	23.7	36.7	Max. temperature of conductor: + 70°C
NYFAZ2X2/5	2	2.5	50x0,238	3.6 x 7.4	39.6	57.5	
NYFAZ2X4	2	4	50x0,3	4.1 x 8.4	62.9	84.7	Bending radius: 12 x overall diameter.
NYFAZ2X6	2	6	74x0,3	4.7 x 9.5	93.0	121.9	

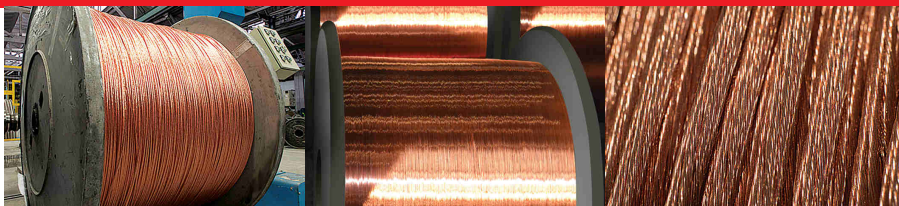
Standard colors available: transparent, one conductor marked with longitudinal red line

Admetos Trading GmbH

Bare copper products



Bare copper products



COPPER CONDUCTORS FOR CABLE PRODUCTION

All conductors are manufactured from oxygen-free high purity copper. All conductors correspond of the standard EN 60228.

Copper conductors 1 – 6 flexibility class are manufactured from copper wires of own production, cross sections from 0,18 mm² to 1000 mm² with direction of stranding in accordance with customer demands. Construction of conductor can be agreed with customer and can be in range from 6 wires to 3913 wires. All conductors of 2nd class flexibility with cross-section more than 50 mm² and higher comes tighten.

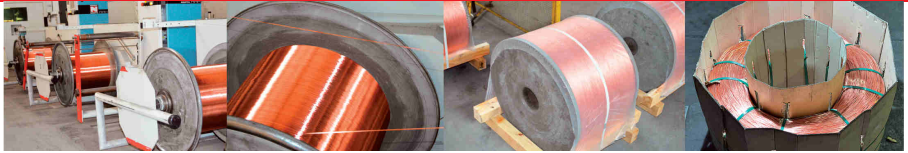
Conductors delivered on:

- Drum № 560 wooden
- Drum № 1250 - metal and wooden
- Drum № 630 - metal and plywood
- Drums № 5 - № 20 wooden

The most actual constructions

conductor cross-section, mm ²	Construction	Electrical resistance to direct current of 1 km of conductor at 20°C Ohm, not more than	Weight 1 km of conductor, kg (for reference)
0,5	15x0,198	39	4,160
0,75	23x0,198	26,00	6,37
1,0	30x0,198	19,5	8,04
1,5	30x0,238	13,3	12,01
2,5	50x0,238	7,98	20,02
4,0	50x0,3	4,95	31,81
6,0	74x0,3	3,3	47,08
10,0	72x0,4	1,91	81,27
16,0	119x0,4	1,21	134,33
25,0	196x0,4	0,78	212,82
35	266x0,4	0,554	300,26
50	378x0,4	0,386	426,68
70	342x0,5	0,272	603,20
95	456x0,5	0,206	817,84
120	589x0,5	0,161	1038,84
150	740x0,5	0,129	1305,17
185	851x0,5	0,106	1500,94
240	1184x0,5	0,0801	2088,27
300	1110x0,57	0,0641	2544,30
400	1403x0,57	0,0486	3215,90

Bare copper products



DRAWN COPPER WIRES

Round electrotechnical, grade MM from oxygen-free copper wire, diameters available:

- from 0,198 to 0,57 mm, delivered not stranded (wires laid parallel) in amount from 6 to 16 wires on metal drums № 630.

- from 1,14 to 3,56 mm, delivered in cardboard-containers, plywood drums № 630, metal drums № 630.

Technical specification:

Nominal diameter, mm	Limit deviation, mm	Elongation ratio, %
from 0,15 to 0,2 mm	± 0,003 mm	not less 19%
from 0,2 to 0,3 mm	± 0,005 mm	not less 20%
from 0,3 to 0,4 mm	± 0,007 mm	not less 20%
from 0,4 to 0,5 mm	± 0,01 mm	not less 20%
from 1,17 to 2,95 mm	± 0,02 mm	not less 30%
from 2,95 to 3,56 mm	± 0,03 mm	not less 30%

Specific electric resistance, not more 0,01724 Ohm x mm²/m.

All drawn copper wires correspond of the standard EN 13602:2013.

Packing and dimensions:

- a) Average net weight of the each container is 1000 kg (for truck shipping), 2000 kg (for container shipping)
- b) Packaging in carton container, on wooden pallet

Typical quality data for oxygen-free copper used for wire drawing:

Element	Cu	Bi	Sb	As	P	Pb	S	Sn	Ni	Fe
Fact	99.994	0.0001	0.0002	0.0001	0.0001	0.0006	0.0011	0.0002	0.0003	0.0003
Element	Zn	Ag	O ²	Se	Te	Cr	Mn	Cd	Si	Co
	not more,%			Detected but not be subject to limitation, %						
Fact	0.001	0.0003	0.001	0.0001	0.0002	0.0001	0.0002	0.0006	0.000	0.000

Bare copper products



COPPER WIRE OXYGEN-FREE

Manufactured from Grade A copper cathodes, quality corresponds to Cu-OF DSTU:EN 1977:2009, \varnothing 8 mm and Cu-OF1 DSTU:EN 1977:2009, \varnothing 8 mm. Perfectly suitable for wire drawing at cable factories.

Typical quality data for oxygen-free copper wire Cu-OF DSTU EN 1977:2009

Element	Cu	Bi	Sb	As	P	Pb	S	Sn	Ni	Fe
Fact	99.994	0.0001	0.0002	0.0001	0.0001	0.0006	0.0011	0.0002	0.0003	0.0003
Element	Zn	Ag	O ²	Se	Te	Cr	Mn	Cd	Si	Co
	not more,%			Detected but not be subject to limitation, %						
Fact	0.001	0.0003	0.001	0.0001	0.0002	0.0001	0.0002	0.0006	0.000	0.000

Parameters:	Standard Cu-OF	Standard Cu-OF1	Fact
Diameter of copper wire, mm, not more	(8±0,4)	(8±0,4)	8,024
Ovality, mm, not more	±0,4	±0,4	0,05
Hydrogen embrittlement, number of bends	until break	until break	21
Elongation,% , not less	30	30	41
Specific electrical resistance, Ohm x mm ² /m, not less	0,01724	0,01707	0,01713

Packing and dimensions

- a) Packed on a wooden pallet, size 1400 x 1400 x 180 mm (weight 30-50 kg) and bundled with steel stripes onto cardboard strips
- b) Size of coil is 1500 x 600 x 450 mm, but may vary depending on weight
- c) Approximate coil weight is 3300-3500 kg
- d) Coil covered across by PET-film to avoid dirtying