

SINGLE CORE PVC INSULATED AND SHEATHED POWER CABLES (0.6/1kV) NYY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance (trefoil)
					DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
1x1.5 RE	0.8	1.4	5.8	49	12.1	14.5	0.490
1x1.5 RM	0.8	1.4	6	51	12.1	14.5	0.490
1x2.5 RE	0.8	1.4	6.2	61	7.41	8.87	0.479
1x2.5 RM	0.8	1.4	6.4	64	7.41	8.87	0.479
1x4 RE	1	1.4	7.1	85	4.61	5.52	0.459
1x4 RM	1	1.4	7.3	88	4.61	5.52	0.459
1x6 RE	1	1.4	7.5	107	3.08	3.69	0.431
1x6 RM	1	1.4	7.9	113	3.08	3.69	0.431
1x10 RE	1	1.4	8.3	150	1.83	2.19	0.399
1x10 RM	1	1.4	8.8	160	1.83	2.19	0.399
1x16 RM	1	1.4	9.8	220	1.15	1.38	0.371
1x25 RM	1.2	1.4	11.5	325	0.727	0.870	0.350
1x35 RM	1.2	1.4	13	430	0.524	0.627	0.333
1x50 RM	1.4	1.4	14.5	560	0.387	0.463	0.325
1x70 RM	1.4	1.5	16.5	780	0.268	0.321	0.309
1x95 RM	1.6	1.5	19	1040	0.193	0.231	0.302
1x120 RM	1.6	1.6	20.5	1300	0.153	0.184	0.294
1x150 RM	1.8	1.7	22.5	1580	0.124	0.150	0.290
1x185 RM	2	1.8	25	1990	0.0991	0.121	0.287
1x240 RM	2.2	1.9	28	2530	0.0754	0.0930	0.281
1x300 RM	2.4	2	31.5	3190	0.0601	0.0754	0.279
1x400 RM	2.6	2.1	34.5	4100	0.0470	0.0607	0.275
1x500 RM	2.8	2.2	39	5153	0.0366	0.0495	0.272
1x630 RM	2.8	2.3	43	6500	0.0283	0.0382	0.268
1x800 RM	2.8	2.5	47	8030	0.0221	0.0298	0.262
1x1000 RM	3	2.6	52	10050	0.0176	0.0237	0.255

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite over sheath.

2 CORE PVC INSULATED AND SHEATHED POWER CABLES (0.6/1kV) NYY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
inner sheath: PVC
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
					DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
2x1.5 RE	0.8	1.8	11.5	180	12.1	14.5	0.343
2x1.5 RM	0.8	1.8	12	190	12.1	14.5	0.343
2x2.5 RE	0.8	1.8	12.5	215	7.41	8.87	0.317
2x2.5 RM	0.8	1.8	13	225	7.41	8.87	0.317
2x4 RE	1	1.8	14	290	4.61	5.52	0.316
2x4 RM	1	1.8	14.5	305	4.61	5.52	0.316
2x6 RE	1	1.8	15	352	3.08	3.69	0.298
2x6 RM	1	1.8	16	380	3.08	3.69	0.298
2x10 RE	1	1.8	16.5	470	1.83	2.19	0.278
2x10 RM	1	1.8	17.5	505	1.83	2.19	0.278
2x16 RM	1	1.8	19.5	675	1.15	1.38	0.262
2x25 RM	1.2	1.8	23	970	0.727	0.870	0.257
2x35 RM	1.2	1.8	25.5	1250	0.524	0.627	0.248
2x50 RM	1.4	1.9	29	1640	0.387	0.463	0.247
2x70 RM	1.4	2	33	2230	0.268	0.321	0.238
2x95 RM	1.6	2.2	38	3000	0.193	0.232	0.238
2x120 RM	1.6	2.3	41.5	3670	0.153	0.184	0.233
2x150 RM	1.8	2.4	46	4525	0.124	0.150	0.233
2x185 RM	2	2.6	51	5630	0.0991	0.121	0.233
2x240 RM	2.2	2.8	57.5	7200	0.0754	0.0928	0.231
2x300 RM	2.4	3	63.5	8980	0.0601	0.0752	0.231

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite over sheath.

3 CORE PVC INSULATED AND SHEATHED POWER CABLES (0.6/1kV) NYY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC (except sector shaped cables)
 Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
					DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x1.5 RE	0.8	1.8	12	200	12.1	14.5	0.343
3x1.5 RM	0.8	1.8	12.5	210	12.1	14.5	0.343
3x2.5 RE	0.8	1.8	13	245	7.41	8.87	0.317
3x2.5 RM	0.8	1.8	13.5	260	7.41	8.87	0.317
3x4 RE	1	1.8	14.5	335	4.61	5.52	0.316
3x4 RM	1	1.8	15.5	355	4.61	5.52	0.316
3x6 RE	1	1.8	16	415	3.08	3.69	0.298
3x6 RM	1	1.8	16.5	450	3.08	3.69	0.298
3x10 RE	1	1.8	17.5	570	1.83	2.19	0.278
3x10 RM	1	1.8	18.5	620	1.83	2.19	0.278
3x16 RM	1	1.8	20.5	830	1.15	1.38	0.262
3x25 RM	1.2	1.8	24.5	1205	0.727	0.870	0.257
3x35 RM	1.2	1.8	27	1585	0.524	0.627	0.248
3x50 SM	1.4	1.8	25.5	1650	0.387	0.463	0.247
3x70 SM	1.4	1.9	29	2335	0.268	0.321	0.238
3x95 SM	1.6	2	32	3530	0.193	0.232	0.238
3x120 SM	1.6	2.1	35	3835	0.153	0.184	0.233
3x150 SM	1.8	2.3	41.5	4670	0.124	0.150	0.233
3x185 SM	2	2.4	44	5850	0.0991	0.121	0.233
3x240 SM	2.2	2.6	51	7380	0.0754	0.0928	0.231
3x300 SM	2.4	2.8	55.5	9180	0.0601	0.0752	0.231

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite over sheath.

3 1/2 CORE PVC INSULATED AND SHEATHED POWER CABLES (0.6/1kV) NYY



CONSTRUCTION:

Conductor: stranded copper
 Insulation: PVC
 Inner sheath: PVC (except sector shaped cables)
 Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
					DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x25+16 RM	1.2/1	1.8	25.5	1365	0.727/1.15	0.870/1.38	0.274
3x35+16 RM	1.2/1	1.8	27.5	1740	0.524/1.15	0.627/1.38	0.261
3x50+25 SM/RM	1.4/1.2	1.8	27	1910	0.387/0.727	0.463/0.870	0.263
3x70+35 SM/RM	1.4/1.2	2	32	2710	0.268/0.524	0.321/0.627	0.254
3x95+50 SM	1.6/1.4	2.1	35	3660	0.193/0.387	0.232/0.463	0.253
3x120+70 SM	1.6/1.4	2.2	38.5	4575	0.153/0.268	0.184/0.321	0.250
3x150+70 SM	1.8/1.4	2.3	42	5345	0.124/0.268	0.150/0.321	0.247
3x185+95 SM	2/1.6	2.5	47	6880	0.0991/0.193	0.120/0.232	0.248
3x240+120 SM	2.2/1.6	2.7	54	8640	0.0754/0.153	0.0926/0.184	0.245
3x300+150 SM	2.4/1.8	3	62.5	10800	0.0601/0.124	0.0749/0.150	0.245

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite over sheath.

4 CORE PVC INSULATED AND SHEATHED POWER CABLES (0.6/1kV) NYY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC (except sector shaped cables)
 Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
					DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
4x1.5 RE	0.8	1.8	13	235	12.1	14.5	0.366
4x1.5 RM	0.8	1.8	13.5	245	12.1	14.5	0.366
4x2.5 RE	0.8	1.8	14	290	7.41	8.87	0.340
4x2.5 RM	0.8	1.8	14.5	300	7.41	8.87	0.340
4x4 RE	1	1.8	16	400	4.61	5.52	0.339
4x4 RM	1	1.8	16.5	410	4.61	5.52	0.339
4x6 RE	1	1.8	17	500	3.08	3.69	0.321
4x6 RM	1	1.8	18	530	3.08	3.69	0.321
4x10 RE	1	1.8	19	700	1.83	2.19	0.301
4x10 RM	1	1.8	20	755	1.83	2.19	0.301
4x16 RM	1	1.8	22.5	1010	1.15	1.38	0.285
4x25 RM	1.2	1.8	26.5	1510	0.727	0.870	0.280
4x35 RM	1.2	1.9	29.5	2010	0.524	0.627	0.271
4x50 SM	1.4	1.9	30	2180	0.387	0.463	0.270
4x70 SM	1.4	2	33	3080	0.268	0.321	0.262
4x95 SM	1.6	2.2	38	4150	0.193	0.232	0.261
4x120 SM	1.6	2.3	42.5	5090	0.153	0.184	0.256
4x150 SM	1.8	2.4	46	6120	0.124	0.150	0.256
4x185 SM	2	2.5	48	7680	0.0991	0.121	0.256
4x240 SM	2.2	2.9	59	9810	0.0754	0.0928	0.254
4x300 SM	2.4	3	62	12150	0.0601	0.0747	0.254

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite over sheath.

5 CORE PVC INSULATED AND SHEATHED POWER CABLES (0.6/1kV) NYY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC (except sector shaped cables)
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
					DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
5x1.5 RE	0.8	1.8	13.5	273	12.1	14.5	0.375
5x1.5 RM	0.8	1.8	14.5	295	12.1	14.5	0.375
5x2.5 RE	0.8	1.8	15	336	7.41	8.87	0.349
5x2.5 RM	0.8	1.8	15.5	365	7.41	8.87	0.349
5x4 RE	1	1.8	17	480	4.61	5.52	0.348
5x4 RM	1	1.8	18	490	4.61	5.52	0.348
5x6 RE	1	1.8	18.5	595	3.08	3.69	0.330
5x6 RM	1	1.8	19.5	635	3.08	3.69	0.330
5x10 RE	1	1.8	20.5	860	1.83	2.19	0.310
5x10 RM	1	1.8	22	925	1.83	2.19	0.310
5x16 RM	1	1.8	24.5	1195	1.15	1.38	0.294
5x25 RM	1.2	1.9	29.5	1780	0.727	0.870	0.289
5x35 RM	1.2	2	33	2500	0.524	0.627	0.283

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite over sheath.

SINGLE CORE PVC INSULATED AND SHEATHED WIRE ARMORED POWER CABLES (0.6/1kV) NYRY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Aarmor: aluminum wires
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/AWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
1x35 RM	1.2	1.60	1.8	18.5	700	0.524	0.627	0.333
1x50 RM	1.4	1.60	1.8	20	865	0.387	0.463	0.325
1x70 RM	1.4	1.60	1.8	22.5	1100	0.268	0.321	0.309
1x95 RM	1.6	1.60	1.8	25	1410	0.193	0.231	0.302
1x120 RM	1.6	1.60	1.8	26.5	1700	0.153	0.184	0.294
1x150 RM	1.8	1.60	1.9	28.5	2010	0.124	0.150	0.290
1x185 RM	2	1.60	1.9	31	2445	0.0991	0.121	0.287
1x240 RM	2.2	2	2.1	35	3135	0.0754	0.0930	0.281
1x300 RM	2.4	2	2.2	38	3860	0.0601	0.0754	0.279
1x400 RM	2.6	2	2.3	41.5	4830	0.0470	0.0607	0.275
1x500 RM	2.8	2.5	2.5	47	6175	0.0366	0.0495	0.272
1x630 RM	2.8	2.5	2.6	51	7600	0.0283	0.0382	0.268
1x800 RM	2.8	2.5	2.7	55	9230	0.0221	0.0298	0.262
1x1000 RM	3	2.5	2.9	60.5	11430	0.0176	0.0237	0.255

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

2 CORE PVC INSULATED AND SHEATHED WIRE ARMORED POWER CABLES (0.6/1kV) NYRY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel wires
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/SWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
2x1.5 RE	0.8	0.9	1.8	13.5	353	12.1	14.5	0.343
2x1.5 RM	0.8	0.9	1.8	14	368	12.1	14.5	0.343
2x2.5 RE	0.8	0.9	1.8	14.5	405	7.41	8.87	0.317
2x2.5 RM	0.8	0.9	1.8	15	420	7.41	8.87	0.317
2x4 RE	1	1.25	1.8	17	595	4.61	5.52	0.316
2x4 RM	1	1.25	1.8	17.5	615	4.61	5.52	0.316
2x6 RE	1	1.25	1.8	18	680	3.08	3.69	0.298
2x6 RM	1	1.25	1.8	19	725	3.08	3.69	0.298
2x10 RE	1	1.25	1.8	19.5	825	1.83	2.19	0.278
2x10 RM	1	1.25	1.8	20.5	905	1.83	2.19	0.278
2x16 RM	1	1.60	1.8	23	1230	1.15	1.38	0.262
2x25 RM	1.2	1.60	1.8	26.5	1620	0.727	0.870	0.257
2x35 RM	1.2	1.60	1.9	29	1995	0.524	0.627	0.248
2x50 RM	1.4	2	2	33.5	2670	0.387	0.463	0.247
2x70 RM	1.4	2	2.2	37.5	3400	0.268	0.321	0.238
2x95 RM	1.6	2	2.3	42.5	4310	0.193	0.232	0.238
2x120 RM	1.6	2.5	2.5	47	5550	0.153	0.184	0.233
2x150 RM	1.8	2.5	2.6	51.5	6540	0.124	0.150	0.233
2x185 RM	2	2.5	2.8	56.5	7880	0.0991	0.121	0.233
2x240 RM	2.2	2.5	3	63	9715	0.0754	0.0928	0.231
2x300 RM	2.4	3.15	3.3	71	11860	0.0601	0.0752	0.231

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

3 CORE PVC INSULATED AND SHEATHED WIRE ARMORED POWER CABLES (0.6/1kV) NYRY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel wires
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/SWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x1.5 RE	0.8	0.9	1.8	14.5	385	12.1	14.5	0.343
3x1.5 RM	0.8	0.9	1.8	15	400	12.1	14.5	0.343
3x2.5 RE	0.8	0.9	1.8	15	442	7.41	8.87	0.317
3x2.5 RM	0.8	1.25	1.8	16	550	7.41	8.87	0.317
3x4 RE	1	1.25	1.8	18	652	4.61	5.52	0.316
3x4 RM	1	1.25	1.8	18.5	680	4.61	5.52	0.316
3x6 RE	1	1.25	1.8	19	755	3.08	3.69	0.298
3x6 RM	1	1.25	1.8	19.5	805	3.08	3.69	0.298
3x10 RE	1	1.25	1.8	20.5	945	1.83	2.19	0.278
3x10 RM	1	1.60	1.8	22	1140	1.83	2.19	0.278
3x16 RM	1	1.60	1.8	24.5	1420	1.15	1.38	0.262
3x25 RM	1.2	1.60	1.9	28	1915	0.727	0.870	0.257
3x35 RM	1.2	1.60	1.9	31	2370	0.524	0.627	0.248
3x50 SM	1.4	1.60	2	31.5	2610	0.387	0.463	0.247
3x70 SM	1.4	2	2.1	35.5	3645	0.268	0.321	0.238
3x95 SM	1.6	2	2.2	38.5	4565	0.193	0.232	0.238
3x120 SM	1.6	2	2.3	42	5410	0.153	0.184	0.233
3x150 SM	1.8	2.5	2.6	50	6965	0.124	0.150	0.233
3x185 SM	2	2.5	2.6	52	8275	0.0991	0.121	0.233
3x240 SM	2.2	2.5	2.9	59	10280	0.0754	0.0928	0.231
3x300 SM	2.4	3.15	3	64	13090	0.0601	0.0752	0.231

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

3½ CORE PVC INSULATED AND SHEATHED WIRE ARMORED POWER CABLES (0.6/1kV) NYRY



CONSTRUCTION:

Conductor: stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel wires
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/SWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x25+16 RM	1.2 / 1	1.6	1.9	29.5	2210	0.727/1.15	0.870/1.38	0.274
3x35+16 RM	1.2 / 1	1.6	2	31.5	2560	0.524/1.15	0.627/1.38	0.261
3x50+25 SM/RM	1.4 / 1.2	2	2	34	3160	0.387/0.727	0.463/0.870	0.263
3x70+35 SM/RM	1.4 / 1.2	2	2.2	39	4190	0.268/0.524	0.321/0.627	0.254
3x95+50 SM	1.6 / 1.4	2	2.3	42	5270	0.193/0.387	0.232/0.463	0.253
3x120+70 SM	1.6 / 1.4	2.5	2.5	46.5	6720	0.153/0.268	0.184/0.321	0.250
3x150+70 SM	1.8 / 1.4	2.5	2.6	50.5	7760	0.124/0.268	0.150/0.321	0.247
3x185+95 SM	2 / 1.6	2.5	2.7	55	9490	0.0991/0.193	0.120/0.232	0.248
3x240+120 SM	2.2 / 1.6	3.15	3	64	12480	0.0754/0.153	0.0926/0.184	0.245
3x300+150 SM	2.4 / 1.8	3.15	3.3	72.5	15170	0.0601/0.124	0.0749/0.150	0.245

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

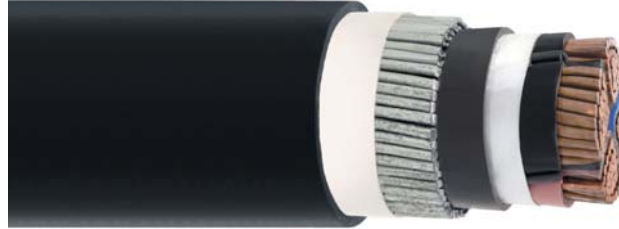
Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

4 CORE PVC INSULATED AND SHEATHED WIRE ARMORED POWER CABLES (0.6/1kV) NYRY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel wires
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/SWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
4x1.5 RE	0.8	0.9	1.8	15	430	12.1	14.5	0.366
4x1.5 RM	0.8	1.25	1.8	16	440	12.1	14.5	0.366
4x2.5 RE	0.8	1.25	1.8	16.5	580	7.41	8.87	0.340
4x2.5 RM	0.8	1.25	1.8	17	600	7.41	8.87	0.340
4x4 RE	1	1.25	1.8	19	750	4.61	5.52	0.339
4x4 RM	1	1.25	1.8	19.5	780	4.61	5.52	0.339
4x6 RE	1	1.25	1.8	20	875	3.08	3.69	0.321
4x6 RM	1	1.25	1.8	21	925	3.08	3.69	0.321
4x10 RE	1	1.60	1.8	22.5	1225	1.83	2.19	0.301
4x10 RM	1	1.60	1.8	23.5	1295	1.83	2.19	0.301
4x16 RM	1	1.60	1.8	26	1655	1.15	1.38	0.285
4x25 RM	1.2	1.60	1.9	30.5	2285	0.727	0.870	0.280
4x35 RM	1.2	2	2.1	34.5	3140	0.524	0.627	0.271
4x50 SM	1.4	2	2.1	36.5	3540	0.387	0.463	0.270
4x70 SM	1.4	2	2.2	39.5	4540	0.268	0.321	0.262
4x95 SM	1.6	2.5	2.4	46	6260	0.193	0.232	0.261
4x120 SM	1.6	2.5	2.6	51	7510	0.153	0.184	0.256
4x150 SM	1.8	2.5	2.7	54	8720	0.124	0.150	0.256
4x185 SM	2	2.5	2.8	56.5	10400	0.0991	0.121	0.256
4x240 SM	2.2	3.15	3.2	63.5	13970	0.0754	0.0928	0.254
4x300 SM	2.4	3.15	3.3	72	16500	0.0601	0.0747	0.254

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

5 CORE PVC INSULATED AND SHEATHED WIRE ARMORED POWER CABLES (0.6/1kV) NYRY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel wires
Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/SWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
5x1.5 RE	0.8	1.25	1.8	16.5	565	12.1	14.5	0.375
5x1.5 RM	0.8	1.25	1.8	17	585	12.1	14.5	0.375
5x2.5 RE	0.8	1.25	1.8	17.7	650	7.41	8.87	0.349
5x2.5 RM	0.8	1.25	1.8	18.3	685	7.41	8.87	0.349
5x4 RE	1	1.25	1.8	20	850	4.61	5.52	0.348
5x4 RM	1	1.25	1.8	20.7	895	4.61	5.52	0.348
5x6 RE	1	1.6	1.8	22	1115	3.08	3.69	0.330
5x6 RM	1	1.6	1.8	23	1180	3.08	3.69	0.330
5x10 RE	1	1.6	1.8	24	1410	1.83	2.19	0.310
5x10 RM	1	1.6	1.8	25.5	1520	1.83	2.19	0.310
5x16 RM	1	1.6	1.9	28.3	1955	1.15	1.38	0.294
5x25 RM	1.2	2	2	34	2920	0.727	0.870	0.289
5x35 RM	1.2	2	2.2	37.5	3680	0.524	0.627	0.283

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

SINGLE CORE PVC INSULATED AND SHEATHED TAPE ARMORED POWER CABLES (0.6/1kV) NYBY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC
 Armor: aluminum double tape
 Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/ATA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
1x50 RM	1.4	0.5	1.8	19.5	770	0.387	0.463	0.325
1x70 RM	1.4	0.5	1.8	21.5	1000	0.268	0.321	0.309
1x95 RM	1.6	0.5	1.8	24	1285	0.193	0.231	0.302
1x120 RM	1.6	0.5	1.8	25	1565	0.153	0.184	0.294
1x150 RM	1.8	0.5	1.8	27.5	1830	0.124	0.150	0.290
1x185 RM	2	0.5	1.9	30	2290	0.0991	0.121	0.287
1x240 RM	2.2	0.5	2	33	2870	0.0754	0.0930	0.281
1x300 RM	2.4	0.5	2.1	36	3580	0.0601	0.0754	0.279
1x400 RM	2.6	0.5	2.2	39	4500	0.0470	0.0607	0.275
1x500 RM	2.8	0.5	2.4	44	5755	0.0366	0.0495	0.272
1x630 RM	2.8	0.5	2.5	48	7055	0.0283	0.0382	0.268
1x800 RM	2.8	0.5	2.6	52	8635	0.0221	0.0298	0.262
1x1000 RM	3	0.5	2.8	57.5	10770	0.0176	0.0237	0.255

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

2 CORE PVC INSULATED AND SHEATHED TAPE ARMORED POWER CABLES (0.6/1kV) NYBY



CONSTRUCTION:

Conductor: solid or stranded copper Armor: galvanized steel double tape
 Insulation: PVC Outer sheath: PVC(UV resistant)
 Inner sheath: PVC

ABBREVIATION:

Cu/PVC/STA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
2x1.5 RE	0.8	0.2	1.8	12.8	245	12.1	14.5	0.343
2x1.5 RM	0.8	0.2	1.8	13	257	12.1	14.5	0.343
2x2.5 RE	0.8	0.2	1.8	13.5	287	7.41	8.87	0.317
2x2.5 RM	0.8	0.2	1.8	14	300	7.41	8.87	0.317
2x4 RE	1	0.2	1.8	15.5	375	4.61	5.52	0.316
2x4 RM	1	0.2	1.8	16	390	4.61	5.52	0.316
2x6 RE	1	0.2	1.8	16	435	3.08	3.69	0.298
2x6 RM	1	0.2	1.8	17	470	3.08	3.69	0.298
2x10 RE	1	0.2	1.8	18	565	1.83	2.19	0.278
2x10 RM	1	0.2	1.8	19	615	1.83	2.19	0.278
2x16 RM	1	0.2	1.8	21	790	1.15	1.38	0.262
2x25 RM	1.2	0.2	1.8	24	1105	0.727	0.870	0.257
2x35 RM	1.2	0.2	1.8	26.5	1405	0.524	0.627	0.248
2x50 RM	1.4	0.2	1.9	30	1800	0.387	0.463	0.247
2x70 RM	1.4	0.2	2.1	34	2396	0.268	0.321	0.238
2x95 RM	1.6	0.5	2.3	40.5	3510	0.193	0.232	0.238
2x120 RM	1.6	0.5	2.4	44	4265	0.153	0.184	0.233
2x150 RM	1.8	0.5	2.5	48.5	5125	0.124	0.150	0.233
2x185 RM	2	0.5	2.7	53.5	6305	0.0991	0.121	0.233
2x240 RM	2.2	0.5	2.9	60	7915	0.0754	0.0928	0.231
2x300 RM	2.4	0.5	3.1	66	9830	0.0601	0.0752	0.231

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

3 CORE PVC INSULATED AND SHEATHED TAPE ARMORED POWER CABLES (0.6/1kV) NYBY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel double tape
Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/STA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x1.5 RE	0.8	0.2	1.8	13.5	275	12.1	14.5	0.343
3x1.5 RM	0.8	0.2	1.8	14	283	12.1	14.5	0.343
3x2.5 RE	0.8	0.2	1.8	14	320	7.41	8.87	0.317
3x2.5 RM	0.8	0.2	1.8	14.5	336	7.41	8.87	0.317
3x4 RE	1	0.2	1.8	16	427	4.61	5.52	0.316
3x4 RM	1	0.2	1.8	16.5	440	4.61	5.52	0.316
3x6 RE	1	0.2	1.8	17	510	3.08	3.69	0.298
3x6 RM	1	0.2	1.8	18	545	3.08	3.69	0.298
3x10 RE	1	0.2	1.8	19	670	1.83	2.19	0.278
3x10 RM	1	0.2	1.8	20	725	1.83	2.19	0.278
3x16 RM	1	0.2	1.8	22	955	1.15	1.38	0.262
3x25 RM	1.2	0.2	1.8	25.5	1350	0.727	0.870	0.257
3x35 RM	1.2	0.2	1.9	28.5	1750	0.524	0.627	0.248
3x50 SM	1.4	0.2	1.9	29	1965	0.387	0.463	0.247
3x70 SM	1.4	0.2	2	32	2685	0.268	0.321	0.238
3x95 SM	1.6	0.5	2.1	36.5	3825	0.193	0.232	0.238
3x120 SM	1.6	0.5	2.2	40	4590	0.153	0.184	0.233
3x150 SM	1.8	0.5	2.5	46.5	5600	0.124	0.150	0.233
3x185 SM	2	0.5	2.5	49	6830	0.0991	0.121	0.233
3x240 SM	2.2	0.5	2.8	56.5	8597	0.0754	0.0928	0.231
3x300 SM	2.4	0.5	2.9	61	10500	0.0601	0.0752	0.231

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

3 1/2 CORE PVC INSULATED AND SHEATHED TAPE ARMORED POWER CABLES (0.6/1kV) NYBY



CONSTRUCTION:

Conductor: stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel double tape
Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/STA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x25+16 RM	1.2 / 1	0.2	1.8	27	1530	0.727/1.15	0.870/1.38	0.274
3x35+16 RM	1.2 / 1	0.2	1.9	29	1900	0.524/1.15	0.627/1.38	0.261
3x50+25 SM/RM	1.4 / 1.2	0.2	1.9	30.5	2253	0.387/0.727	0.463/0.870	0.263
3x70+35 SM/RM	1.4 / 1.2	0.5	2.1	36.5	3426	0.268/0.524	0.321/0.627	0.254
3x95+50 SM	1.6 / 1.4	0.5	2.2	40	4425	0.193/0.387	0.232/0.463	0.253
3x120+70 SM	1.6 / 1.4	0.5	2.4	43.5	5440	0.153/0.268	0.184/0.321	0.250
3x150+70 SM	1.8 / 1.4	0.5	2.5	47	6310	0.124/0.268	0.150/0.321	0.247
3x185+95 SM	2 / 1.6	0.5	2.6	52	7900	0.0991/0.193	0.120/0.232	0.248
3x240+120 SM	2.2 / 1.6	0.5	2.9	60	9995	0.0754/0.153	0.0926/0.184	0.245
3x300+150 SM	2.4 / 1.8	0.5	3.2	68	12280	0.0601/0.124	0.0749/0.150	0.245

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

4 CORE PVC INSULATED AND SHEATHED TAPE ARMORED POWER CABLES (0.6/1kV) NYBY



CONSTRUCTION:

Conductor: solid or stranded copper
Insulation: PVC
Inner sheath: PVC

Armor: galvanized steel double tape
Outer sheath: PVC(UV resistant)

ABBREVIATION:

Cu/PVC/STA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
4x1.5 RE	0.8	0.2	1.8	14	308	12.1	14.5	0.366
4x1.5 RM	0.8	0.2	1.8	14.5	321	12.1	14.5	0.366
4x2.5 RE	0.8	0.2	1.8	15	368	7.41	8.87	0.340
4x2.5 RM	0.8	0.2	1.8	15.5	385	7.41	8.87	0.340
4x4 RE	1	0.2	1.8	17	500	4.61	5.52	0.339
4x4 RM	1	0.2	1.8	17.5	510	4.61	5.52	0.339
4x6 RE	1	0.2	1.8	18	596	3.08	3.69	0.321
4x6 RM	1	0.2	1.8	19	637	3.08	3.69	0.321
4x10 RE	1	0.2	1.8	20	805	1.83	2.19	0.301
4x10 RM	1	0.2	1.8	21	867	1.83	2.19	0.301
4x16 RM	1	0.2	1.8	23.5	1150	1.15	1.38	0.285
4x25 RM	1.2	0.2	1.8	28	1664	0.727	0.870	0.280
4x35 RM	1.2	0.2	1.9	31	2177	0.524	0.627	0.271
4x50 SM	1.4	0.2	2	33	2540	0.387	0.463	0.270
4x70 SM	1.4	0.5	2.2	37.5	3800	0.268	0.321	0.262
4x95 SM	1.6	0.5	2.3	43	5000	0.193	0.232	0.261
4x120 SM	1.6	0.5	2.5	48	6075	0.153	0.184	0.256
4x150 SM	1.8	0.5	2.6	51	7190	0.124	0.150	0.256
4x185 SM	2	0.5	2.7	53.5	8830	0.0991	0.121	0.256
4x240 SM	2.2	0.5	3.1	65	11280	0.0754	0.0928	0.254
4x300 SM	2.4	0.5	3.1	67.5	13650	0.0601	0.0747	0.254

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

5 CORE PVC INSULATED AND SHEATHED TAPE ARMORED POWER CABLES (0.6/1kV) NYBY



CONSTRUCTION:

Conductor: solid or stranded copper Armor: galvanized steel double tape
Insulation: PVC Outer sheath: PVC (UV resistant)
Inner sheath: PVC

ABBREVIATION:

Cu/PVC/STA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section	Insulation thickness	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ²	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
5x1.5 RE	0.8	0.2	1.8	15	355	12.1	14.5	0.375
5x1.5 RM	0.8	0.2	1.8	15.5	370	12.1	14.5	0.375
5x2.5 RE	0.8	0.2	1.8	16	425	7.41	8.87	0.349
5x2.5 RM	0.8	0.2	1.8	16.5	447	7.41	8.87	0.349
5x4 RE	1	0.2	1.8	18.5	590	4.61	5.52	0.348
5x4 RM	1	0.2	1.8	19	602	4.61	5.52	0.348
5x6 RE	1	0.2	1.8	19.5	710	3.08	3.69	0.330
5x6 RM	1	0.2	1.8	20.5	760	3.08	3.69	0.330
5x10 RE	1	0.2	1.8	22	965	1.83	2.19	0.310
5x10 RM	1	0.2	1.8	23	1040	1.83	2.19	0.310
5x16 RM	1	0.2	1.8	26	1395	1.15	1.38	0.294
5x25 RM	1.2	0.2	1.9	30.5	2030	0.727	0.870	0.289
5x35 RM	1.2	0.2	2.1	34	2675	0.524	0.627	0.283

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

SINGLE AND 2 CORE PVC POWER CABLES WITH CONCENTRIC CONDUCTOR (0.6/1kV) NYCY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC(only for multicore cables)
 Concentric conductor: copper wires plus open copper tape
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/CWS/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section / concentric conductor cross section	Insulation thickness	No. x diameter of concentric conductor	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ² / mm ²	mm	No.xmm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
1x1.5/ 1.5 RE	0.8	20x0.3	1.8	7.2	85	12.1	14.5	0.490
1x2.5 / 2.5 RE	0.8	20x0.4	1.8	7.7	106	7.41	8.87	0.479
1x4 / 4 RE	1	20x0.5	1.8	8.8	150	4.61	5.52	0.459
1x6 / 6 RE	1	20x0.6	1.8	9.5	190	3.08	3.69	0.431
1x10 / 10 RE	1	20x0.8	1.8	10	273	1.83	2.19	0.399
1x16 / 16 RM	1	30x0.8	1.8	12	393	1.15	1.38	0.371
1x25 / 25 RM	1.2	30x1	1.8	14.5	590	0.727	0.870	0.350
1x35 / 35 RM	1.2	42x1	1.8	15.5	795	0.524	0.627	0.333
2x1.5/ 1.5 RE	0.8	20x0.3	1.8	12	203	12.1	14.5	0.343
2x2.5 / 2.5 RE	0.8	20x0.4	1.8	13	250	7.41	8.87	0.317
2x4 / 4 RE	1	20x0.5	1.8	15	343	4.61	5.52	0.316
2x6 / 6 RE	1	20x0.6	1.8	16	421	3.08	3.69	0.298
2x10 / 10 RE	1	20x0.8	1.8	18	580	1.83	2.19	0.278
2x16 / 16 RM	1	30x0.8	1.8	21	836	1.15	1.38	0.262
2x25 / 25 RM	1.2	30x1	1.8	25	1220	0.727	0.870	0.257
2x35 / 35 RM	1.2	42x1	1.8	27.5	1605	0.524	0.627	0.248

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

3 AND 4 CORE PVC POWER CABLES WITH CONCENTRIC CONDUCTOR (0.6/1kV) NYCY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC
 Concentric conductor: copper wires plus open copper tape
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/CWS/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section / concentric conductor cross section	Insulation thickness	No. x diameter of concentric conductor	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
						DC at 20°C	AC at 70°C	
No.xmm ² / mm ²	mm	No.xmm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x1.5/ 1.5 RE	0.8	20×0.3	1.8	12.5	225	12.1	14.5	0.343
3x2.5 / 2.5 RE	0.8	20×0.4	1.8	13.5	280	7.41	8.87	0.317
3x4 / 4 RE	1	20×0.5	1.8	15.5	390	4.61	5.52	0.316
3x6 / 6 RE	1	20×0.6	1.8	17	485	3.08	3.69	0.298
3x10 / 10 RE	1	20×0.8	1.8	19	677	1.83	2.19	0.278
3x16 / 16 RM	1	30×0.8	1.8	22.5	990	1.15	1.38	0.262
3x25 / 25 RM	1.2	30×1	1.8	26.5	1450	0.727	0.871	0.257
3x35 / 35 RM	1.2	42×1	1.8	29	1920	0.524	0.628	0.248
4x1.5/ 1.5 RE	0.8	20×0.3	1.8	13.5	257	12.1	14.5	0.366
4x2.5 / 2.5 RE	0.8	20×0.4	1.8	14.5	320	7.41	8.87	0.340
4x4 / 4 RE	1	20×0.5	1.8	17	453	4.61	5.52	0.339
4x6 / 6 RE	1	20×0.6	1.8	18	570	3.08	3.69	0.321
4x10 / 10 RE	1	20×0.8	1.8	20.5	800	1.83	2.19	0.301
4x16 / 16 RM	1	30×0.8	1.8	24	1176	1.15	1.38	0.285
4x25 / 25 RM	1.2	30×1	1.8	29	1750	0.727	0.871	0.280
4x35 / 35 RM	1.2	42×1	1.8	32	2350	0.524	0.628	0.271

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

2 CORE PVC POWER CABLES WIRE ARMORED WITH CONCENTRIC CONDUCTOR (0.6/1kV) NYCYRY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC
 Concentric conductor: copper wires plus open copper tape
 Armor: aluminum wires(for single core) or galvanized steel wires(for multicore)
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/CWS/ SWA /PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section / concentric conductor cross section	Insulation thickness	No. x diameter of concentric conductor	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
							DC at 20°C	AC at 70°C	
No.xmm ² / mm ²	mm	No.xmm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
2x1.5/ 1.5 RE	0.8	20x0.3	1.25	1.8	17	520	12.1	14.5	0.343
2x2.5 / 2.5 RE	0.8	20x0.4	1.25	1.8	18	580	7.41	8.87	0.317
2x4 / 4 RE	1	20x0.5	1.25	1.8	20	790	4.61	5.52	0.316
2x6 / 6 RE	1	20x0.6	1.25	1.8	21	830	3.08	3.69	0.298
2x10 / 10 RE	1	20x0.8	1.6	1.8	24	1175	1.83	2.19	0.278
2x16 / 16 RM	1	30x0.8	1.6	1.8	27	1520	1.15	1.38	0.262
2x25 / 25 RM	1.2	30x1	1.6	1.9	31	2045	0.727	0.870	0.257
2x35 / 35 RM	1.2	42x1	2	2.1	34.5	2540	0.524	0.627	0.248

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath

3 AND 4 CORE PVC POWER CABLES WIRE ARMORED WITH CONCENTRIC CONDUCTOR (0.6/1kV) NYCYRY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC
 Concentric conductor: copper wires plus open copper tape
 Armor: galvanized steel wires
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/CWS/ SWA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section / concentric conductor cross section	Insulation thickness	No. x diameter of concentric conductor	Armor wire diameter	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
							DC at 20°C	AC at 70°C	
No.xmm ² / mm ²	mm	No.xmm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x1.5/ 1.5 RE	0.8	20×0.3	1.25	1.8	17.5	610	12.1	14.5	0.343
3x2.5 / 2.5 RE	0.8	20×0.4	1.25	1.8	18.5	700	7.41	8.87	0.317
3x4 / 4 RE	1	20×0.5	1.25	1.8	20.5	870	4.61	5.52	0.316
3x6 / 6 RE	1	20×0.6	1.6	1.8	22.5	1125	3.08	3.69	0.298
3x10 / 10 RE	1	20×0.8	1.6	1.8	25	1390	1.83	2.19	0.278
3x16 / 16 RM	1	30×0.8	1.6	1.9	28	1830	1.15	1.38	0.262
3x25 / 25 RM	1.2	30×1	2	2	33	2660	0.727	0.871	0.257
3x35 / 35 RM	1.2	42×1	2	2.1	36	3260	0.524	0.628	0.248
4x1.5/ 1.5 RE	0.8	20×0.3	1.25	1.8	18	665	12.1	14.5	0.366
4x2.5 / 2.5 RE	0.8	20×0.4	1.25	1.8	19.5	760	7.41	8.87	0.340
4x4 / 4 RE	1	20×0.5	1.6	1.8	22.5	1075	4.61	5.52	0.339
4x6 / 6 RE	1	20×0.6	1.6	1.8	24	2310	3.08	3.69	0.321
4x10 / 10 RE	1	20×0.8	1.6	1.8	26	1550	1.83	2.19	0.301
4x16 / 16 RM	1	30×0.8	1.6	1.9	30	2070	1.15	1.38	0.285
4x25 / 25 RM	1.2	30×1	2	2.1	35.5	3050	0.727	0.871	0.280
4x35 / 35 RM	1.2	42×1	2	2.2	38.5	3800	0.524	0.628	0.271

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.

2 CORE PVC POWER CABLES TAPE ARMORED WITH CONCENTRIC CONDUCTOR (0.6/1kV) NYCYBY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC
 Concentric conductor: copper wires plus open copper tape
 Armor: aluminum double tape(for single core) or galvanized steel double tape(for multicore)
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/CWS/ STA /PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section / concentric conductor cross section	Insulation thickness	No. x diameter of concentric conductor	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
							DC at 20°C	AC at 70°C	
No.xmm ² / mm ²	mm	No.xmm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
2x1.5/ 1.5 RE	0.8	20x0.3	0.2	1.8	15	355	12.1	14.5	0.343
2x2.5 / 2.5 RE	0.8	20x0.4	0.2	1.8	16	410	7.41	8.87	0.317
2x4 / 4 RE	1	20x0.5	0.2	1.8	18	530	4.61	5.52	0.316
2x6 / 6 RE	1	20x0.6	0.2	1.8	19.5	620	3.08	3.69	0.298
2x10 / 10 RE	1	20x0.8	0.2	1.8	21.5	805	1.83	2.19	0.278
2x16 / 16 RM	1	30x0.8	0.2	1.8	24.5	1100	1.15	1.38	0.262
2x25 / 25 RM	1.2	30x1	0.2	1.9	28.5	1540	0.727	0.870	0.257
2x35 / 35 RM	1.2	42x1	0.2	1.9	31	1950	0.524	0.627	0.248

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath

3 AND 4 CORE PVC POWER CABLES TAPE ARMORED WITH CONCENTRIC CONDUCTOR (0.6/1kV) NYCYBY



CONSTRUCTION:

Conductor: solid or stranded copper
 Insulation: PVC
 Inner sheath: PVC
 Concentric conductor: copper wires plus open copper tape
 Armor: galvanized steel double tape
 Outer sheath: PVC (UV resistant)

ABBREVIATION:

Cu/PVC/CWS/ STA/PVC

STANDARD:

IEC 60502-1, IEC 60228, IEC 60332

DIMENSIONAL, ELECTRICAL AND MECHANICAL DATA:

Number of cores x cross section / concentric conductor cross section	Insulation thickness	No. x diameter of concentric conductor	Armor tape thickness	Sheath thickness	Overall diameter	Approx. weight	Max. conductor resistance		Inductance
							DC at 20°C	AC at 70°C	
No.xmm ² / mm ²	mm	No.xmm	mm	mm	mm	kg/km	Ω/km	Ω/km	mH/km
3x1.5/ 1.5 RE	0.8	20×0.3	0.2	1.8	16	385	12.1	14.5	0.343
3x2.5 / 2.5 RE	0.8	20×0.4	0.2	1.8	17	450	7.41	8.87	0.317
3x4 / 4 RE	1	20×0.5	0.2	1.8	19	590	4.61	5.52	0.316
3x6 / 6 RE	1	20×0.6	0.2	1.8	20	700	3.08	3.69	0.298
3x10 / 10 RE	1	20×0.8	0.2	1.8	22	910	1.83	2.19	0.278
3x16 / 16 RM	1	30×0.8	0.2	1.8	22.5	1260	1.15	1.38	0.262
3x25 / 25 RM	1.2	30×1	0.2	1.9	30	1785	0.727	0.871	0.257
3x35 / 35 RM	1.2	42×1	0.2	2	32.5	2300	0.524	0.628	0.248
4x1.5/ 1.5 RE	0.8	20×0.3	0.2	1.8	16.5	380	12.1	14.5	0.366
4x2.5 / 2.5 RE	0.8	20×0.4	0.2	1.8	18	455	7.41	8.87	0.340
4x4 / 4 RE	1	20×0.5	0.2	1.8	20	615	4.61	5.52	0.339
4x6 / 6 RE	1	20×0.6	0.2	1.8	21	740	3.08	3.69	0.321
4x10 / 10 RE	1	20×0.8	0.2	1.8	23.5	1000	1.83	2.19	0.301
4x16 / 16 RM	1	30×0.8	0.2	1.8	27	1470	1.15	1.38	0.285
4x25 / 25 RM	1.2	30×1	0.2	2	32	2115	0.727	0.871	0.280
4x35 / 35 RM	1.2	42×1	0.5	2.1	36.5	2760	0.524	0.628	0.271

Current ratings: see technical reference page 150

Minimum bending radius: see technical reference page 157

Short circuit current: see technical reference page 158

Max. conductor temperature in continuous operation: 70°C

Max. conductor temperature in short circuit: 160°C

These cables also available with aluminum conductor, halogen free and low smoke, chemical resistant, low smoke PVC, anti rodent and anti termite inner & over sheath.