NYCWY

Low Voltage Cables

DESCRIPTION

NYCWY cables are robust low-voltage cables with a concentric conductor, suitable for power distribution in buildings, industrial facilities, and underground installations. Thanks to their PVC insulation and sheath, they are mechanically durable, moisture-resistant, and versatile in use - even in concrete or water.

TECHNICAL DATA

Bending radius (mm)	15/12xD mm	**CPR class**	Eca
Maximal operating conductor temperature (°C)	70 °C	**Maximal short-circuit temperature (°C)**	160 °C
Minimal storage temperature (°C)	-35 °C	**Minimal temperature for laying (°C)**	-5 °C
Operating temperature range (°C)	-35-+70 °C	**Rated voltage (kV)**	0.6/1 kV
Self-extinguishing of single cable	IEC 60332-1-2	**Test voltage (kV)**	4 kV

CROSS-SECTION DATA — 0.6/1 kV

Voltage	0.6/1 kV	**Test voltage**	4 kV
Operating temperature range	-35-+70 °C	**Conductor temperature (max.)**	70 °C
Short-circuit temperature (max.)	160 °C	**Minimum laying temperature**	-5 °C
Minimum storage temperature	-35 °C	**CPR class**	Eca
Flame retardant	IEC 60332-1-2		

Cores & CS	Cond.	Shape	Rl [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	Ø [mm]	G [kg/km]
2x10/10	Cu	RE	1.83	1	1.8	12xD	19	670
2x16/16	Cu	RE	1.15	1	1.8	12xD	21	890
3x10/10	Cu	RE	1.83	1	1.8	12xD	20	773
3x10/10	Cu	RMV	1.83	1	1.8	12xD	21	817
3x16/16	Cu	RE	1.15	1	1.8	12xD	22	1045
3x16/16	Cu	RMV	1.15	1	1.8	12xD	22	1085
3x25/16	Cu	RMV	0.727	1.2	1.8	12xD	26	1490
3x25/25	Cu	RMV	0.727	1.2	1.8	12xD	26	1582
3x35/16	Cu	SM	0.524	1.2	1.8	12xD	26	1729
3x35/35	Cu	SM	0.524	1.2	1.8	12xD	26	1913
3x50/25	Cu	SM	0.387	1.4	1.9	12xD	29	2272
3x50/50	Cu	SM	0.387	1.4	1.9	12xD	30	2498
3x70/35	Cu	SM	0.268	1.4	2	12xD	33	3128
3x70/70	Cu	SM	0.268	1.4	2	12xD	34	3473
3x95/50	Cu	SM	0.193	1.6	2.2	12xD	38	4177
3x95/95	Cu	SM	0.193	1.6	2.2	12xD	38	4640
3x120/70	Cu	SM	0.153	1.6	2.3	12xD	41	5168
3x120/120	Cu	SM	0.153	1.6	2.3	12xD	41	5674
3x150/70	Cu	SM	0.124	1.8	2.4	12xD	46	6193
3x150/150	Cu	SM	0.124	1.8	2.4	12xD	47	6982
3x185/95	Cu	SM	0.0991	2	2.6	12xD	50	7689
3x185/185	Cu	SM	0.0991	2	2.6	12xD	51	8609
3x240/120	Cu	SM	0.0754	2.2	2.8	12xD	56	9950
4x10/10	Cu	RE	1.83	1	1.8	12xD	21	903

4x16/16	Cu	RE	1.15	1	1.8	12xD	24	1237
4x25/16	Cu	RMV	0.727	1.2	1.8	12xD	28	1801
4x25/25	Cu	RMV	0.727	1.2	1.8	12xD	28	1886
4x35/16	Cu	SM	0.524	1.2	1.8	12xD	28	2156
4x35/35	Cu	SM	0.524	1.2	1.8	12xD	28	2333
4x50/25	Cu	SM	0.387	1.4	2	12xD	33	2944
4x50/50	Cu	SM	0.387	1.4	2	12xD	34	3171
4x70/35	Cu	SM	0.268	1.4	2.1	12xD	36	3932
4x70/70	Cu	SM	0.268	1.4	2.1	12xD	37	4277
4x95/50	Cu	SM	0.193	1.6	2.3	12xD	42	5276
4x95/70	Cu	SM	0.193	1.6	2.3	12xD	42	5488
4x95/95	Cu	SM	0.193	1.6	2.3	12xD	42	5740
4x120/70	Cu	SM	0.153	1.6	2.4	12xD	46	6571
4x120/120	Cu	SM	0.153	1.6	2.4	12xD	46	7077
4x150/70	Cu	SM	0.124	1.8	2.6	12xD	51	7883
4x185/95	Cu	SM	0.0991	2	2.8	12xD	56	9892
4x185/185	Cu	SM	0.0991	2	2.8	12xD	57	10813
4x240/120	Cu	SM	0.0754	2.2	3	12xD	62	12658