



# 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

## TECHNICAL DATA

AL / CU	Copper screen
CU	Yes
CPR class	Flame retardant
Eca	IEC 60332-1-2
Insulation	Insulation color
PVC	HD 308 S2
Max operating temp	Max short-circuit temp
70	160
Min laying temp	Min storage temp
-5	-35
Operating temp range	Packaging
-35 - +70	cable drums
Rated voltage	Rbv
0.6/1	15xD (Single core); 12xD (Multi core)
RoHS/REACH	Sheath
yes/yes	PVC
Sheath color	Test voltage
black	4



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### CROSS-SECTION DATA — 0.6/1 kV

Cores & cross-section	RI [Ohm/km]	Wi [mm]	Wm [mm]	Rbv [mm]	AL / CU	G [kg/km]	Iso	Sh	T_op_max [C]	T_sc_max [C]	T_range [C]	T_st_min [C]	T_lay_m
2x10/10	1.83	1	1.8	12xD	CU	0.7k	PVC	PVC	70	0.2k	-35-+70	-35	-5
2x16/16	1.15	1	1.8	12xD	CU	0.9k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x10/10	1.83	1	1.8	12xD	CU	0.8k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x10/10	1.83	1	1.8	12xD	CU	0.8k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x16/16	1.15	1	1.8	12xD	CU	1k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x16/16	1.15	1	1.8	12xD	CU	1.1k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x25/16	0.727	1.2	1.8	12xD	CU	1.5k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x25/25	0.727	1.2	1.8	12xD	CU	1.6k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x35/16	0.524	1.2	1.8	12xD	CU	1.7k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x35/35	0.524	1.2	1.8	12xD	CU	1.9k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x50/25	0.387	1.4	1.9	12xD	CU	2.3k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x50/50	0.387	1.4	1.9	12xD	CU	2.5k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x70/35	0.268	1.4	2	12xD	CU	3.1k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x70/70	0.268	1.4	2	12xD	CU	3.5k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x95/50	0.193	1.6	2.2	12xD	CU	4.2k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x95/95	0.193	1.6	2.2	12xD	CU	4.6k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x120/70	0.153	1.6	2.3	12xD	CU	5.2k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x120/120	0.153	1.6	2.3	12xD	CU	5.7k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x150/70	0.124	1.8	2.4	12xD	CU	6.2k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x150/150	0.124	1.8	2.4	12xD	CU	7k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x185/95	0.0991	2	2.6	12xD	CU	7.7k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x185/185	0.0991	2	2.6	12xD	CU	8.6k	PVC	PVC	70	0.2k	-35-+70	-35	-5
3x240/120	0.0754	2.2	2.8	12xD	CU	9.9k	PVC	PVC	70	0.2k	-35-+70	-35	-5
4x10/10	1.83	1	1.8	12xD	CU	0.9k	PVC	PVC	70	0.2k	-35-+70	-35	-5
4x16/16	1.15	1	1.8	12xD	CU	1.2k	PVC	PVC	70	0.2k	-35-+70	-35	-5
4x25/16	0.727	1.2	1.8	12xD	CU	1.8k	PVC	PVC	70	0.2k	-35-+70	-35	-5
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4x185/185	0.0991	2	2.8	12xD	CU	10.8k	PVC	PVC	70	0.2k	-35-+70	-35	-5
4x240/120	0.0754	2.2	3	12xD	CU	12.7k	PVC	PVC	70	0.2k	-35-+70	-35	-5