

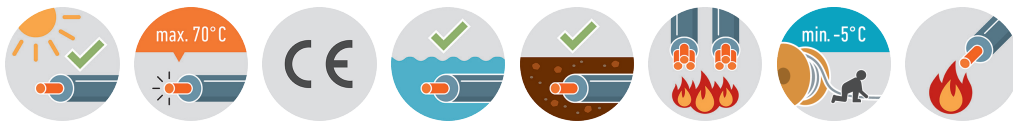
Power cable (N)YCY FR



Application: For fixed installation in buildings, outdoors, in ground and in water.

Construction and technical data:

Standard:	with reference to VDE 0276-603
Conductor material:	copper, bare
Conductor construction:	class 1, from 25 sqmm class 2
Insulation:	PVC DIV 4
Concentric conductor:	Cu
Sheathing material:	PVC DMV5
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
UV-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	12 x Ø
Meter mark:	yes



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

(N)YCY FR

part no.	part name		RI [Ohm/km]	Ibl [A]	Ibe [A]	Ik [kA]	Rbv [mm]	Ø [mm]	Cu	G [kg]
080288	07X1.5/2.5	RE	12.1	19	27	0.17	175	14.6	133	338
080290	40X1.5/10	RE	12.1	19	27	0.17	325	27.1	696	1260
080291	61X1.5/10	RE	12.1	19	27	0.17	395	32.9	998	2000
080350	05X2.5/2.5	RE	7.41	26	36	0.29	178	14.8	152	358
080351	12X2.5/4	RE	7.41	26	36	0.29	236	19.7	334	654

part no.	part name		RI [Ohm/km]	Ibl [A]	Ibe [A]	Ik [kA]	Rbv [mm]	Ø [mm]	Cu	G [kg]
080292	07X4/4	RE	4.61	34	47	0.46	224	18.7	315	620
080352	05X10/10	RE	1.83	60	79	1.15	257	21.4	662	936
080353	05X25/16	RM	0.727	106	153	2.87	299	24.9	1382	2077
080354	05X35/16	RM	0.524	129	160	4.02	367	30.6	1862	2647

RI	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ibe	Ampacity in ground (20 °C)
Ik	Short-circuit current (1 s)
Rbv	Bending radius, fixed installation
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000