

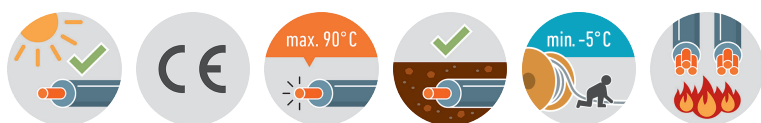
Power cable (N)2XY FR (IEC)



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

Construction and technical data:

Standard:	IEC 60502
Conductor material:	copper, bare
Conductor construction:	class 1, from 25 sqmm class 2
Insulation:	XLPE DIX3
Sheathing material:	PVC ST2, UV-resistant
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
For outdoor use:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-35 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Bending radius, fixed installation:	15 x Ø



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)2XY-O

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	4 kV
Core identification:	colours acc. to VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers

part no.	part name		RI [Ohm/km]	Wi [mm]	Ibl [A]	Ibe [A]	Ø [mm]	Cu [kg]	G [kg]
012275	01X240	RMv	0.0754	1.7	604	517	27.7	2304	2560

RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
Ibe	Ampacity in ground (20 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000