

Rubber reeling cable PRYSMIAN Cordaflex[®] (N)SHTOEU (SMK)-V-FO

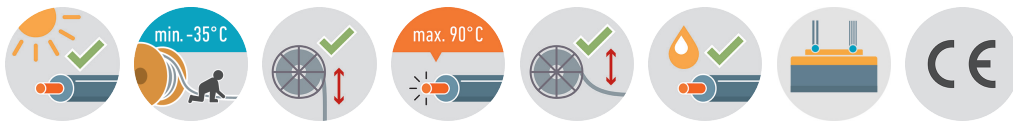


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Application: Extra heavy duty rubber reeling cable for control and power supplies with integrated optical fibers. For applications with high mechanical stresses, especially for simultaneous tensile and torsion stresses. Suitable for motor-driven reels, spring-operated reels, drumspreader, festoon- and hoisting systems. The cables can be manufactured to order or project-specific with E9/125, 50/125 or 62.5/125 fibres or their various combinations.

Construction and technical data:

Standard:	VDE 0250 p. 814 (with reference to)
Conductor material:	bare copper strand
Conductor construction:	class „FS“ = exceptionally fine stranded
Insulation:	polyolefin
Material inner sheath:	rubber compound based on PCP
Self-supporting element:	aramide
Torsion protection:	synthetic braid
Torsion:	+/- 50 °/m
Sheathing material:	rubber compound based on PCP
Colour of outer sheath:	yellow
UV-resistant:	yes
Oil-resistant:	EN 60811-2-1
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-35 - +80 °C
Bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	4 x Ø
operating speed spreader, m/min.:	240 m/min.



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.

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Nominal voltage U_o: 0.6 kV
Nominal voltage U: 1 kV
Test voltage: 3.5 kV
Core identification: green-yellow + numbers

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
052164	44X2.5 + 3X(3G50 FO)	7.98	30	38.5	1232	2380
052230	44X2.5 + 1X(8G62.5 FO)	7.98	30	38.5	1232	2380
053445	44X2.5 + 4X(3G62.5 FO)	7.98	30	38.5	1232	2447
052398	50X2.5 + 1X(6G50 FO)	7.98	30	43.1	1399	2946
054399	56X2.5 + 3X(2E9/125)	7.98	30	44.3	1567	3232
054400	56X2.5 + 3X(2G50/125)	7.98	30	44.3	1567	3232
054401	56X2.5 + 3X(2G62.5/125)	7.98	30	44.3	1567	3232
054558	56x2.5 + 3x(3E9/125)	7.98	30	44.3	1567	3225
054559	56x2.5 + 3x(3G50/125)	7.98	30	44.3	1567	3225
054560	56x2.5 + 3x(3G62.5/125)	7.98	30	44.3	1567	3225
052497	56X2.5 + 4X(3G62.5 FO)	7.98	30	44.3	1567	3243

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000