Rubber reeling cable
PRYSMIAN Cordaflex(S)® (N)SHTOEU

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: As a reeling connection cable for frequently changing dynamic loads, such as for electrically driven loaders (LHDs) in underground mining, suitable for monospiral reels and cylindrical reels.

Construction and technical data:

Standard:	DIN VDE 0250-814 (with ref. to)
Conductor material:	copper, stranded, tinned
Conductor construction:	class „FS“ = exceptionally fine stranded
Insulation:	rubber 3GI3
Material inner sheath:	rubber (CR) 5GM5
Self-supporting element:	Kevlar®
Torsion protection:	polyester braid
Torsion:	+/- 25 °/m
Sheathing material:	rubber (CR) 5GM5
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-2-1
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-25 - +80 °C
Maximum tensile strength at the conductor:	30 N/mm²
Operating speed:	160 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.

Bending radii

installation	Ø <8 mm	Ø = 8-12 mm	Ø = 13-20 mm	Ø >20 mm
free movement	3 x Ø	4 x Ø	5 x Ø	
reeling operation	5 x Ø			6 x Ø

Nominal voltage Uo: 0.6 kV

Nominal voltage U: 1 kV

Maximum permitted operating voltage in three-phase systems: 1.2 kV

Test voltage: 2.5 kV

Core identification: colours acc. to VDE 0293 (HD308)

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ik [kA]	Ø [mm]	Fzp [N]	Cu	G [kg]
053230	04x95 YE	0.21	301	11.59	53	11400	4087	6100
053231	04x95 OG with filaments	0.21	301	11.59	53	11400	4087	6100

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ik	Short-circuit current (1 s)
Ø	outer diameter approx.
Fzp	Tensile strength (permanent)
Cu	Copper weight (GER)
G	net weight per 1000

