

Rubber insulated reeling cable URSUS[®] VS SL FO



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Reeling cable with integrated optical fibers for high extreme mechanical stress as tension and torsion. Examples are harbour cranes and conveyor systems.

Construction and technical data:

Standard:	VDE 0250 T. 814 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber (EPR) 3GI3
Material inner sheath:	rubber (CR) 5GM5
Torsion protection:	polyester braid
Torsion:	+/- 50 °/m
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-404
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-50 - +90 °C
Permitted outer cable temperature, moved, °C:	-30 - +90 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	5 x Ø
Maximum tensile strength at the conductor:	30 N/mm ²



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.

URSUS[®] VS SL FO**Nominal voltage U₀:** 1 kV**Nominal voltage U:** 0.6 kV**Maximum permitted operating voltage in** 1.2 kV**three-phase systems:****Test voltage:** 4 kV**Core identification:** colours acc. to VDE 0293 (HD 308);
more than 5 cores: gn-ye + numbers

part no.	part name	Number of fibres [n]	RI [Ohm/km]	Ø [mm]	Fzd [N]	Cu [kg/km]	G [kg]
052377	12G2.5 + 1x (12G62.5/125) YE	12	7.98	26	900	288	920

Number of fibres	Number of fibres
RI	Conductor resistance
Ø	outer diameter approx.
Fzd	Tensile strength (dynamic)
Cu	Copper weight (GER)
G	net weight per 1000