

Vertical reeling cable TRATOSLIGHT-VRDB-FO®



Application: Reeling cable for vertical applications, also suitable for spreader reels and tender systems.

Special types with additional control wires are available on request.

Construction and technical data:

Conductor material:	bare copper strand
Conductor construction:	Class 6 = very flexible
Insulation:	cross-linked elastomer
Material inner sheath:	elastomer
Self-supporting element:	Kevlar®
Torsion protection:	aramid braid
Sheathing material:	cross-linked elastomer
Colour of outer sheath:	yellow
UV-resistant:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	7 x Ø
operating speed spreader, m/min.:	300 m/min.
Operating speed vertical reeling, m/min.:	300 m/min.
Operating speed tender system, m/min.:	180 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.

FABER VRDB-FO

Nominal voltage U_o: 0.6 kV

Nominal voltage U: 1 kV

Test voltage: 2.5 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Fzp [N]	Fzd [N]	Cu	G [kg]
051874	36X2.5 + 24 FO 62.5/125 YE	7.98	41.8	4700	4700	864	2280

RI | Conductor resistance

Ø | outer diameter approx.

Fzp | Tensile strength (permanent)

Fzd | Tensile strength (dynamic)

Cu | Copper weight (GER)

G | net weight per 1000