

Vertical reeling cable TRATOSLIGHT-VR[®]

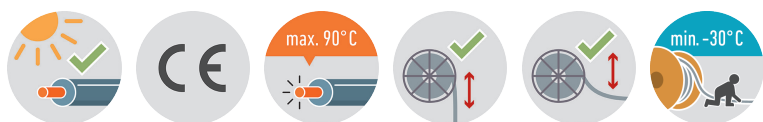


Application: Reeling cable for vertical applications, also suitable for spreader reels and tender systems.

Special types with additional control wires are available on request.

Construction and technical data:

Standard:	DIN VDE 0250-814 (with ref. to)
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:	-40 - +80 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	8 x Ø
operating speed spreader, m/min.:	300 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.

Tratoslight-VR[®]

Nominal voltage U₀:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	3.5 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Fzp [N]	Fzd [N]	Cu	G [kg]
053229	37x2.5 YE	7.98	33	4700	4700	888	1850
054571	07X(6x2.5) + 2X(6X2.5)C YE	7.98	49	6600	6600	1296	3530
052560	56x2,5 YE	7.98	40.5	6600	6600	1344	2550

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