

Reeling cable TRATOSMART[®] FO



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: These cables are intended for applications where frequent winding and unwinding is necessary during operation. 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 0250-814 (with reference to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	basic EPR
Arrangement of protective conductors:	split in the outer interstices
Material inner sheath:	rubber compound based on PCP
Torsion protection:	yes
Sheathing material:	rubber compound based on PCP
Colour of outer sheath:	black
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:	5 x Ø
Maximum tensile strength at the conductor:	15 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.

TRATOSMART FO 0,6/1KV

Nominal voltage U_o:	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]	Cu	G [kg]
054104	03X95 + 2X50/2 + 24 E9/125	0.21	47	3296	4640
054105	03X95 + 2X50/2 + 24G62.5/125	0.21	47	3296	4640
053563	03x95 + 2x50/2 + 24G50/125	0.21	47	3296	4640
052939	03x120+2x70/2+24G62,5/125	0.164	56.5	4203	6310
053598	03X70 + 2X25/2 + 24FO(9/125)	0.277	59	2352	3770
054646	03X150+2X70/2+12FO(9/125)	0.132	61	5066	7290
053290	03X150+2X70/2+24FO(50/125)	0.132	59	5066	7280
053437	03X240+2X120/2+24FO(9/125)	0.0817	71.5	8064	11260

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000