Trailing cable
Protolon(ST)® NTSCGEWOEU

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Power supply cable for use in water, e.g. for connection to dredgers, floating docks, pumps, etc., in applications where high mechanical stresses are to be expected. Also suitable for use in sewage, salt water and brackish water at water depths of up to 500 m.

Construction and technical data:

Standard:	DIN VDE 0250-813 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = fine stranded - DIN EN IEC 60228 (VDE 0295)
Insulation:	rubber 3GI3
Electrical field control:	inner and outer semiconducting rubber layer
Arrangement of protective conductors:	split in the outer interstices
Material inner sheath:	basic EPR
Torsion:	+/- 100 °/m
Sheathing material:	Gummi 5GM3
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	yes
Ozone-resistant:	yes
Water-resistant:	yes
For outdoor use:	yes
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 - +60 °C
Min. bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	10 x Ø
Maximum tensile strength at the conductor:	15 N/mm²

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.

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Protolon(ST)® NTSCGEWOEU 6/10 kV

Nominal voltage Uo: 6 kV

Nominal voltage U: 10 kV

Maximum permitted operating voltage in three-phase systems: 12 kV

Test voltage: 17 kV

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ik [kA]	Lb [mH/km]	Cl [µF/km]	Ø [mm]	Cu	G [kg]
053264	03X50 + 03X25/3	0.393	214	7.15	0.31	0.3	52.9	1680	4396
054735	03X95 + 03X50/3	0.21	321	13.6	0.29	0.38	61.4	3216	6420

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ik	Short-circuit current (1 s)
Lb	Specific inductivity
Cl	Specific capacity
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000