

Flexible medium voltage cable (N)TSCGECEWUEU MT BM PLUS



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Flexible cable suitable for reeling drum of tunnel boring machines and generally for tunnel application. Other applications have to be agreed with Faber Kabel, otherwise warranty may get lost.

Construction and technical data:

Standard:	DIN VDE 0250-813 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber 3GI3
Electrical field control:	inner and outer semiconducting rubber layer
Central filler:	semiconductive compound on polyester support
Material inner sheath:	rubber (CR) 5GM5
Torsion:	+/- 25 °/m
Sheathing material:	rubber (CR) 5GM3
Colour of outer sheath:	red
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-404
Ozone-resistant:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-25 - +80 °C
Bending radius, fixed installation:	6 x Ø
Bending radius, moving application:	15 x Ø



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.

(N)TSCGECEWOU MT BM+ 6/10 kV

Nominal voltage U_o: 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	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
053282	03x50 + 3x25/3E + 3x2.5 + UEL KON RD	0.393	51.6	1906	4060

(N)TSCGECEWOU MT BM+ 12/20 kV

Nominal voltage U_o: 12 kV
Nominal voltage U: 20 kV
Maximum permitted operating voltage in three-phase systems: 24 kV
Test voltage: 29 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
051713	03X50 + 3X25/3E + 3X2.5 + UEL KON RD	0.393	61.4	1896	5190

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