

# Flexible medium voltage cable (N)TSCGECEWUEU MT BMH PLUS



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** Flexible zero halogen 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:

<b>Standard:</b>	DIN VDE 0250-813 (with ref. to)
<b>Conductor material:</b>	tinned copper
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	rubber (EPR) 3GI3
<b>Electrical field control:</b>	inner and outer semiconducting rubber layer
<b>Pilot conductor:</b>	split in the outer interstices
<b>Central filler:</b>	semiconductive compound
<b>Arrangement of protective conductors:</b>	copper spiral shield on each core
<b>Material inner sheath:</b>	halogen-free
<b>Monitoring core:</b>	copper wire spinning on first inner sheath
<b>Sheathing material:</b>	FRNC-rubber
<b>Colour of outer sheath:</b>	red
<b>Halogen-free:</b>	yes
<b>Oil-resistant:</b>	EN 60811-404
<b>Ozone-resistant:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +90 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-25 - +90 °C
<b>Bending radius, fixed installation:</b>	6 x Ø
<b>Bending radius, moving application:</b>	10 x Ø
<b>Maximum tensile strength at the conductor:</b>	15 N/mm <sup>2</sup>



*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 BMH PLUS 6/10 kV

**Nominal voltage U<sub>o</sub>:** 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]
053281	3x50+3x25/3E+3x2.5+UEL KON	0.393	51.6	1906	4220

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