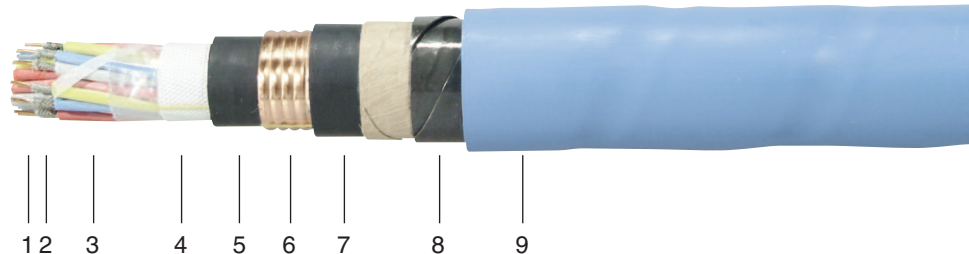


## TmRCAG

1/1

Reference standard : Halogen free fire resistant, inductive protected and armoured telecommunication cable for tunnel application

### internal factory standard



### Construction

1. Solid copper conductor
2. Mica-tape
3. Halogen free, fire resistant compound  
Twisted quads assembled in concentric layers
4. Common core covering
5. FRNH inner sheath
6. Copper tape screen
7. FRNH inner sheath black
8. Double layer of steel tape
9. FRNH outer sheath

### Properties

- Protected against inductive influence\*
- Fire retardant acc. to NBN C 30-004 F2
- Fire resistant acc. to NBN 713-020 Add. 3. - RF 1h
- Low smoke density acc. to IEC 61034
- Low corrosivity of the gas acc. to IEC 60754-2
- Service temperature: -40 ... +60 °C
- Laying temperature: -10 ... +60 °C
- Min. bending radius: 10 x outer diameter
- Max. pulling force: 50 N/mm<sup>2</sup> x total cross-section of all copper conductors together

### Dimensions

Conductor size	Insulation thickness mm	Conductor resistance Ω/km	Capacitance ηF/km	Voltage test kV <sub>ac</sub> 2 min	Insulation resistance at 20 °C MΩ.km
7 x 4 x 0,8 mm <sup>2</sup>	0,500	≤ 36,7	≤ 120	0,5	≥ 100

\* acc. to CT.IG.TL.DCG 2328 - cable MD4