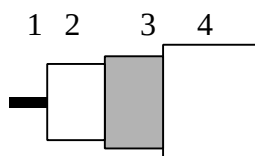


Construction & Dimensions



- | | | |
|---|-----------------|----------------------------------|
| 1 | Inner conductor | Silver plated, copper clad steel |
| 2 | Dielectric | PTFE |
| 3 | Braid | Silver plated copper |
| 4 | Sheath | FEP |

1. **Conductor** Innenleiter - Conduttore Interno - Conducteur
Diameter: 7x0.1 mm $\pm$ 0.02 mm
2. **Dielectric** Dielektrikum – Dielettrico - Diélectrique
Diameter: 0.87 mm $\pm$ 0.15 mm
3. **Outer Conductor** Aussenleiter - Conduttore Esterno - Conducteur extérieur
Coverage braid: 96 % $\pm$ 4 %
4. **Jacket** Aussenmantel – Guaina - Gaine
Diameter: 1.80 mm $\pm$ 0.1 mm

Requirements and test methods

Electrical characteristics

- Mean characteristic impedance: 50 $\pm$ 2 Ω
 Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale
- Nominal capacitance conductor to shield: 95 pF/m
 Kapazitaet - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage
- Nominal velocity of propagation: 69.5%
 Ausbreitungsgeschwindigkeit - Velocità Nominale di Propagazione - Vitesse de propagation nominale
- Nominal Attenuation: Wellendaempfung - Attenuazione Nominale - Affaiblissement

MHz	dB/100m
10	19
200	63
400	92
1000	151

- Maximum frequency: 3 GHz
- Voltage rating :
- | | |
|-----|-----------|
| DC | 1.0 kVdc |
| RMS | 0.6 kVrms |

Mechanical and physical characteristics

- Temperature range - storage/operation -55°C to +200°C
- Temperature range - installation -5 °C to + 50°C

- Nominal cable weight 8.5 kg/km
 Gewicht - Peso Nominale del Cavo – Poids

Ordering information

	Jacket colour	length	RS P/N
	Light brown	25m	5218212
	Light brown	100m	5218234