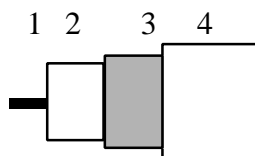


Construction & Dimensions



- | | | |
|---|-----------------|--|
| 1 | Inner conductor | Stranded tinned copper |
| 2 | Dielectric | Solid PE |
| 3 | Braid | Annealed tinned copper |
| 4 | Sheath | LSNH according the European Standard HD 624. |

- | | | |
|----|---|-------------------|
| 1. | Conductor Innenleiter - Conduttore Interno - Conducteur | |
| | Diameter: | 19 x 0.18 mm |
| 2. | Dielectric Dielektrikum – Dielettrico - Diélectrique | |
| | Diameter: | 2.95 mm ± 0.15 mm |
| 3. | Outer Conductor Aussenleiter - Conduttore Esterno - Conducteur extérieur | |
| | Diameter screen: | 3.5 mm ± 0.2 mm |
| | Coverage braid: | 93 % ± 4 % |
| 4. | Jacket Aussenmantel – Guaina - Gaine | |
| | Diameter: | 4.95 mm ± 0.2 mm |

Requirements and test methods

Electrical characteristics

- | | |
|--|----------|
| Mean characteristic impedance: | 50 ± 2 Ω |
| Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale | |
| Nominal capacitance conductor to shield: | 100 pF/m |
| Kapazitaet - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage | |
| Nominal velocity of propagation: | 66% |
| Ausbreitungsgeschwindigkeit - Velocità Nominale di Propagazione - Vitesse de propagation nominale | |
| Nominal Attenuation: Wellendaempfung - Attenuazione Nominale - Affaiblissement | |

MHz	dB/100m
10	4.5
200	22
400	32
1000	50
2400	79

- | | |
|--------------------|---------|
| Maximum frequency: | 3 GHz |
| Voltage rating : | |
| DC | 4 kVdc |
| RMS | 2 kVrms |

Mechanical and physical characteristics

- | | |
|--|-----------------|
| Temperature range - storage/operation | -30°C to +70°C |
| Temperature range - installation | -5 °C to + 50°C |
| Nominal cable weight | 40 kg/km |
| Gewicht - Peso Nominale del Cavo – Poids | |

Ordering information

	Jacket colour	length	RS P/N
	Black	100m	5218436
	Black	500m	5218458