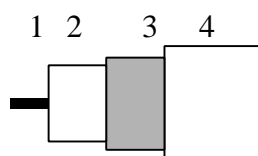


Datasheet

Coax cable RG178 PE/PVC

Construction & Dimensions



- | | | |
|---|-----------------|---|
| 1 | Inner conductor | Silver plated, copper clad steel |
| 2 | Dielectric | PE |
| 3 | Braid | Tinned copper |
| 4 | Sheath | PVC according the European Standard HD 624. |

- | | | |
|----|---|-------------------|
| 1. | Conductor Innenleiter - Conduttore Interno - Conducteur | |
| | Diameter: | 7x0.1 mm |
| 2. | Dielectric Dielektrikum – Dielettrico - Diélectrique | |
| | Diameter: | 0.84 mm ± 0.15 mm |
| 3. | Outer Conductor Aussenleiter - Conduttore Esterno - Conducteur extérieur | |
| | Coverage braid: | 85 % ± 4 % |
| 4. | Jacket Aussenmantel – Guaina - Gaine | |
| | Diameter: | 1.80 mm ± 0.1 mm |

Requirements and test methods

Electrical characteristics

- | | |
|---|---|
| Mean characteristic impedance: | 50 ± 2 Ω |
| Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale | |
| Nominal capacitance conductor to shield: | 98 pF/m |
| Kapazität - 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	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 | -30°C to +70°C |
| Temperature range – installation | -5°C to +50°C |
| Nominal cable weight | 8.5 kg/km |
| Gewicht - Peso Nominale del Cavo – Poids | |