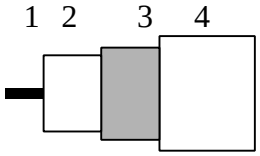
Datasheet

ENGLISH

Coax cable RG178 PE/PVC

Construction & Dimensions



1	Inner conductor	Silver plated, copper cladded 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
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	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

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