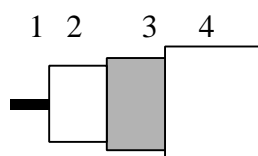


Datasheet

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	