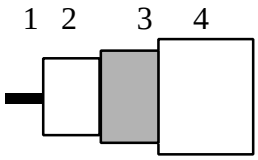
Coax cable
RG59 B/U

Construction & Dimensions



1	Inner conductor	Copper cladded steel
2	Dielectric	Solid PE
3	Braid	Bare copper
4	Sheath	PVC according the European Standard HD 624.

1. **Conductor** Innenleiter - Conduttore Interno - Conducteur
   Diameter: 0.58 mm ± 0.02 mm
2. **Dielectric** Dielektrikum – Dielettrico - Diélectrique
   Diameter: 3.7 mm ± 0.15 mm

Outer Conductor Aussenleiter - Conduttore Esterno - Conducteur extérieur
Diameter screen: 4.3 mm ± 0.2 mm
Coverage braid: 91 % ± 4 %

4. **Jacket** Aussenmantel – Guaina - Gaine
   Diameter: 6.15 mm ± 0.2 mm

Requirements and test methods

Electrical characteristics

Mean characteristic impedance: 75 ± 2 Ω
Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale

Nominal capacitance conductor to shield: 67 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
200	17
400	25
1000	43
2400	67

Maximum frequency: 1 GHz

Voltage rating :
DC 4.2 kVdc
RMS 2.1 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 50 kg/km
Gewicht - Peso Nominale del Cavo – Poids

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Ordering information

	Jacket colour	length	RS P/N
	White	100m	5218486
	White	500m	5218492
	Black	100m	5218262
	Black	500m	5218329