

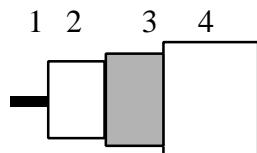
Product Datasheet

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Rev. 1/ 2005-10-03

Coax cable RG59 B/U LSF

Construction & Dimensions



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

1. Conductor Innenleiter - Conduttore Interno - Conducteur

Diameter: $0.58 \text{ mm} \pm 0.02 \text{ mm}$

2. Dielectric Dielektrikum – Dielettrico - Diélectrique

Diameter: $3.7 \text{ mm} \pm 0.15 \text{ mm}$

Outer Conductor Aussenleiter - Conduttore Esterno - Conducteur extérieur

Diameter screen: $4.3 \text{ mm} \pm 0.2 \text{ mm}$

Coverage braid: $91 \% \pm 4 \%$

4. Jacket Aussenmantel – Guaina - Gaine

Diameter: $6.15 \text{ mm} \pm 0.2 \text{ mm}$

Requirements and test methods

Electrical characteristics

Mean characteristic impedance: $75 \pm 2 \Omega$

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 $-30^\circ\text{C} \text{ to } +70^\circ\text{C}$

Temperature range - installation $-5^\circ\text{C} \text{ to } +50^\circ\text{C}$

Nominal cable weight 54 kg/km

Gewicht - Peso Nominale del Cavo – Poids

**Coax cable
RG59 B/U LSF**

Ordering information

	Jacket colour	length	RS P/N
	Black	100m	5218464
	Black	500m	5218470