

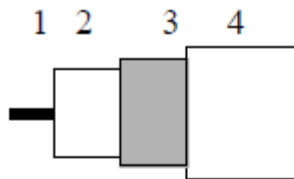
Datasheet

RS Coaxial Cable, Black PVC Sheath, 100m, RG62A/U, 6.15mm OD, Connector Type F

RS Stock number 521-8032



Construction & Dimensions



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

1.	Conductor Innenleiter - Conduttore Interno - Conducteur	
	Diameter:	0.64 mm ± 0.02 mm
2.	Dielectric Dielektrikum – Dielettrico - Diélectrique	
	Diameter:	3.7 mm ± 0.15 mm
3.	Outer Conductor Aussenleiter - Conduttore Esterno - Conducteur extérieur	
	Diameter screen:	4.3 mm ± 0.2 mm
	Coverage braid:	90 % ± 4 %
4.	Jacket Aussenmantel – Guaina - Gaine	
	Diameter:	6.15 mm ± 0.2 mm

Requirements & Test Methods

Electrical characteristics

Mean characteristic impedance: $93 \pm 2 \Omega$

Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale

Nominal capacitance conductor to shield: 45 pF/m

Kapazitaet - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage

Nominal velocity of propagation: 84%

Ausbreitungsgeschwindigkeit - Velocità Nominale di Propagazione - Vitesse de propagation nominale

Nominal Attenuation: Wellendaempfung - Attenuazione Nominale - Affaiblissement

MHz	dB/100m
10	2.8
200	12.5
400	17.5
1000	29

Maximum frequency: 1 GHz

Voltage rating :

DC 3 kVdc

RMS 1.5 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

Ordering Information

Jacket colour	length	RS P/N
Black	100m	5218010