

Coaxial Cable

pro-**POWER**

RoHS
Compliant



Product Description:

Application	For communication and signal control systems
Reference Standard	Customer's sample spec. and the general standard
Multi-Construction	1

Cable Construction:

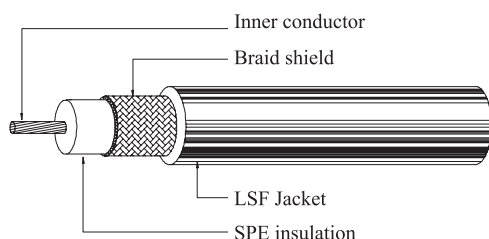
Conductor	Copper Clad Steel
Conductivity	30%
Construction	0.58
Standard Dia.(±0.01mm)	0.58
Insulation Layer	Solid PE
Thickness (mm)	1.56
Insulation Dia.(±0.15mm)	3.7
Insulation Colour	Natural
Braiding (mm)	Bare Copper
Construction	0.11 ±0.008 x 16 x 7
Braiding Coverage	80%
Jacket	LSZH
Thickness(mm)	0.65
Dia. (±0.15mm)	6.1
Jacket Colour	Black
Marking	RG Wire & Cable Limited RG 59 75Ω LSZH [MM] {WkYr}
Packaging	100m Reel

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Design:



Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/Km)	<239
Min. Insulation DC Resistance at 20°C ($\text{M}\Omega \times \text{Km}$)	>1,000
Operating Temperature(°C)	-20 to +80
Rated Voltage(V)	30
Capacitance(pF/m)	67
Velocity Ratio(%)	66
Impedance(Ω)	75
Jacket Strippability(The sheath from the cable 4cm)	5-15N
Attenuation at 20°C (dB/100m) ($\pm 8\%$)	
50MHz	7.7
100MHz	11
200MHz	15.9
400MHz	23.1
800MHz	34.2
1,000MHz	38.9

Part Number Table

Description	Part Number
Cable, Coaxial, 100m, Black, RG59, LSZH	PP000628

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