

RoHS  
Compliant



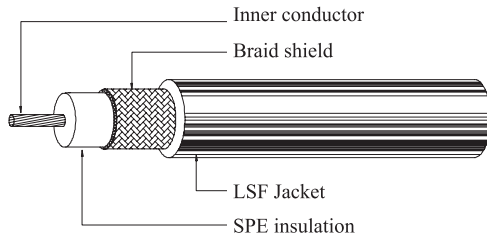
## Product Description:

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

## Cable Construction:

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

## Design:



## Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/Km)	<239
Min. Insulation DC Resistance at 20°C (MΩ × 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) (±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	3247

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