



# RG59 75 Ohm COAX Solid Copper LSF

## Key Features

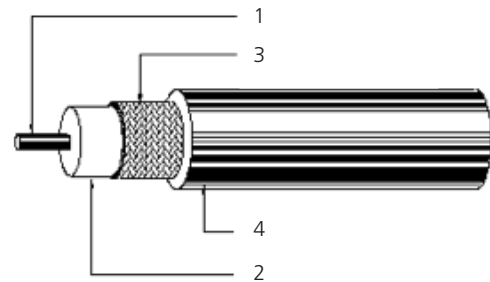
- Ideal for Broadcast and CCTV Installations
- Solid Copper Conductor
- LSF Sheath

## Coaxial and Specialist Cable

Part No: See Below

## General Description:

High quality RG Type Coaxial Cable 75 Ohm is specifically suited to broadcast and CCTV installation and is appropriate for numerous other applications.



## Relevant Test Standards:

UL1581 and UL444

## Part Numbers

TRI-000043	RG59 75 Ohm Coax Solid Copper LSF – 100m
TRI-000045	RG59 75 Ohm Coax Solid Copper LSF – 200m
TRI-001445	RG59 75 Ohm Coax Solid Copper LSF – Bulk

## Cable Construction:

## Material Breakdown:

Cable Construction:	Material Breakdown:
Conductor (1)	Material: Solid Bare Copper
	Nom. O.D. (mm): 0.58 up +0.002   down -0.010
Dielectric (2)	Material: SPE
	Diameter: 3.70 (+/-0.18mm)
Jacket (4)	External O.D.: 6.00mm(+/-0.20mm)
	Surface: Clean / Smooth
	Outer Material: LSF (complies RoHS)
	Colour: LSF (complies RoHS)
Conductor Braiding (3)	Material: Copper Clad Aluminum Braid Shield
	Nom. O.D. (mm): 0.12mm (+0.001mm / -0.008mm)


**Electrical Characteristics:**

Conductor Resistance	20°C, Conductor DC Resistance	< 7.83Ω /100M
Min. Insulation DC Resistance	20°C, Insulation DC Resistance	> 200MΩ *M
Rated Voltage		30v
Rated Temperature		80°C
Impedance zz(Ω)	1-100Mhz	75+5Ω
Capacitance (pF/m)		67 (+/-5(pF/m))

**Attenuation at 20°C (-dB/100m)(±15%):**

Frequency (MHz)	-dB/100m (+/-15%)
5	6.2
10	6.8
100	11.8
200	16.9
400	24.5
800	36.3
1000	40.9