



# RG59 B/U 75 Ohm Shotgun COAX 2\*0.75mm LSF

## Key Features

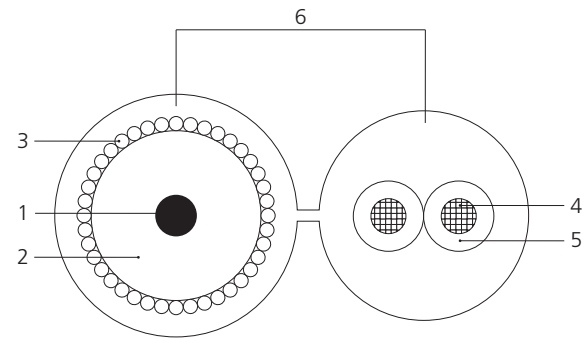
- Ideal for Broadcast and CCTV
- Stranded Bare Copper Conductor
- LSF Sheath

## Coaxial and Specialist Cable

Part No: See Below

## General Description:

High quality RG Type Coaxial Cable 75Ohm is specifically suited to broadcast and CCTV installation and is appropriate for numerous other applications. Running parallel to the coaxial is a cable consisting of 2 cores of 0.75mm stranded bare copper suitable for low voltage power or signal.



## Relevant Test Standards:

UL1581 and UL444

## Part Numbers

TRI-000047	RG59 B/U 75 Ohm Shotgun Coax 2*0.75mm LSF – 100m
TRI-000048	RG59 B/U 75 Ohm Shotgun Coax 2*0.75mm LSF – 200m

## Cable Construction:

## Material Breakdown:

Cable Construction:	Material Breakdown:
Conductor (1)	Material: Solid Copper Clad Steel
	Nom. O.D. (mm): 0.58 up +0.010   down -0.010
Dielectric (2)	Material: SPE
	Diameter: 3.70 (+/-0.18mm)
Jacket (6)	External O.D. Conductor: 6.20mm(+/-0.25mm)
	External O.D. Power: 6.20mm(+/-0.25mm)
	External O.D. Shotgun: 13.0mm(+/-0.50mm)
	Surface: Clean / Smooth
	Outer Material: LSF (complies RoHS)
	Colour: Black
Conductor Braiding (3)	Material: Copper Clad Aluminum Shield
	Nom. O.D. (mm): 0.12mm*16(+/-0.008mm)
Power Conductor (4)	Material: Stranded Bare Copper
	Nom O.D.(mm): 0.20mm*24(+/-0.008mm)
Power Dielectric (5)	Material: PVC
	Diameter: 2.40mm*2(+/-0.15mm)


**Electrical Characteristics:**

Conductor Resistance (1)	20°C, Conductor DC Resistance	< 23.50Ω /100M
Conductor Resistance (2)	20°C, Conductor DC Resistance	< 4.12Ω /100M
Min. Insulation DC Resistance	20°C, Insulation DC Resistance	> 200MΩ *M
Rated Voltage		300v
Rated Temperature		80°C
Impedance(Ω)	200Mhz	75+5Ω
Capacitance(pF/m)		67 (+/-5(pF/m))

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

Frequency (MHz)	-dB/100m (+/-15%)
5	6.5
10	7.0
200	16.4
400	23.9
800	35.4
1000	40.7