



# RG59 B/U 75 Ohm Shotgun COAX 2\*0.50mm LSF

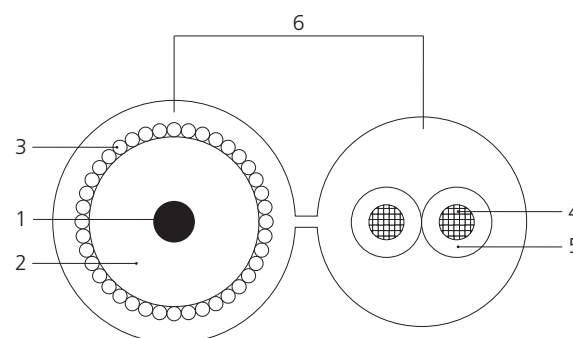
## Key Features

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

## Coaxial and Specialist Cable

### 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 0.50mm stranded bare copper suitable for low voltage power or signal.



### Relevant Test Standards:

UL1581 and UL444

### Part Numbers

TRI-001059	RG59 B/U 75 Ohm Shotgun Coax 2*0.50mm LSF – 100m
TRI-000052	RG59 B/U 75 Ohm Shotgun Coax 2*0.50mm LSF – 200m
TRI-000049	RG59 B/U 75 Ohm Shotgun Coax 2*0.50mm LSF – 500m

### 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: 5.60mm(+/-0.25mm)
	External O.D. Shotgun: 12.4mm(+/-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*16(+/-0.008mm)
Power Dielectric (5)	Material: PVC
	Diameter: 1.80mm*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
Rated Voltage		300v
Rated Temperature		80°C
Impedance (Ω)		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