



# RG59 White LSF 75 Ohm 2 Core 0.75mm + Power

## Key Features

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

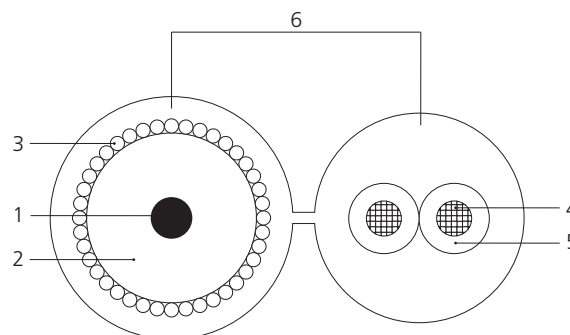


**Coaxial and Specialist Cable**

**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-000945      RG59 White 75 Ohm 2\*0.75mm LSF

## Cable Construction:

## Material Breakdown:

Conductor (1)	Material	Copper Clad Steel
	Nom. O.D. (mm)	0.58 up +1%   down -1%
Dielectric (2)	Material	Solid PE
	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	White
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)	0.38mm*16(+/-0.005mm)
Power Dielectric (5)	Material	PVC
	Diameter	3.70mm*2(+/-0.15mm)


**Electrical Characteristics:**

Conductor Resistance (1)	20°C, Conductor DC Resistance	< 225Ω /100M
Min. Insulation DC Resistance	20°C, Insulation DC Resistance	> 1000MΩ *M
Rated Voltage		300v
Rated Temperature		80°C
Impedance(Ω)	200Mhz	75 +5Ω
Capacitance(pF/m)		<70 (+/-5(pF/m))

**Attenuation at 20°C (-dB/100m) (±5%):**

Frequency (MHz)	-dB/100m (+/-5%)
50	9.1
100	12.8
200	19.5
550	33.2
870	43.2
1000	48.5

**Return Lost:**

Frequency (MHz)	dB
5 - 30	>23 dB
30 – 470	>23 dB
470 – 862	>20 dB
862 – 2150	>16 dB