

## RG59 B/U + 2 x 0.75mm<sup>2</sup> Shotgun LSF Black Technical Datasheet

BS EN 50575

VERIFIED

Part No: 3900592L-E00

**Description:** Coaxial cable RG59 B/U + 2 x 0.75mm<sup>2</sup> power in a shotgun formation, black LSF



## Construction RG 59 B/U

Conductor Material : Copper Clad Steel
Stranding : 1/ 0.58mm
Dielectric : Polyethylene (PE)
Diameter of Dielectric : 3.7mm (+/- 0.15mm)

Overall Screen : Bare Copper Wire Braid, >85% Coverage

**Power** 

Conductor Material : Bare Copper, Class 5

Conductor Size : 0.75mm<sup>2</sup>

Insulation Material : Low Smoke & Fume (LSF)

Number of Cores : 2

Core Colours : Blue, Brown

**Overall** 

Sheath Material : Low Smoke & Fume (LSF)

Outer Sheath Colour : Black

**Electrical Characteristics** 

 $\begin{array}{cccc} Conductor \ Resistance & Coax & : <165 \ \Omega/km \\ Power & : <26 \ \Omega/km \\ Voltage \ Rating & Coax & : 30V \\ Power & : 300V \\ Insulation \ Resistance & : >200 \ M\Omega/M \end{array}$ 

Impedance Coax :  $75 \pm 3\Omega$  Capacitance Coax :  $70 \text{ pF/m} \pm 5$ 

## Attenuation

Frequency (MHz)	Nom. Attenuation (dB/100m)	Frequency (MHz)	Nom. Attenuation (dB/100m)
5	2.4	600	30.3
55	8.4	750	34.4
187	16.1	865	37.2
300	20.7	1000	40.0
450	25.7		

## **Physical Characteristics**

Overall Diameter :  $6.1 \times 12.0 \pm 0.2 \text{mm}$ 

Min. Bend Radius :  $15 \times OD$ Temperature Rating :  $-10^{\circ}C$  to  $+70^{\circ}C$ 

Standards

**FS Cables** 

Shoal Export

Flame Retardant : BS EN 60332-1-2

RoHS3 Compliant : Yes

01727 840 841

+44 1727 849 841

 CE Compliant
 : LVD (2014/35/EU), CPR (305/2011)

 CPR Classification
 : Eca (EN50575:2014+A1:201

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