



## Key Features

- Eca CPR Class cable
- Available with 0.5mm or 0.75mm Power
- Reel size of 100Mtr
- PVC or LSOH cable types
- Packaging 100% Recyclable
- Connectors also available

## Overview

This RG59 Shotgun is a 75ohm coaxial cable and 0.5mm or 0.75mm red/black Power cable for CCTV systems. Cable features 0.58mm Dia copper clad steel inner conductor, Solid PE insulation, copper clad aluminium braid and PVC or LSZH outer sheath both meeting Eca standard. Also features red and black insulated stranded copper power conductors in overall PVC/LSZH outer sheath.

## Product Specifications

Feature	Values
Inner conductor diameter	0.58 +/- 0.02mm
Inner conductor material	Copper clad steel
Outer conductor diameter	16 x 7 x 0.12mm
Outer conductor material	Copper Clad Aluminium braid, coverage 82%
Outer sheath material	Polyvinyl chloride (PVC)
Outer sheath colour	Black
Reaction-to-fire class according to EN 13501-6	Eca
Characteristic impedance	75 Ohm

## Cable characteristics

Features	Values
Impedance $\Omega$	75 +/- 3
Velocity %	65.9
Capacitance pF/m	67.1
DC Resistance $\Omega$ /100m	Inner 21.1, Outer 3.8
Insulation type	Solid PE

Insulation diameter	3.70mm
Outer sheath diameter	Coax 6.20 +/- 0.25mm, Power 5.60 +/- 0.25mm

## Performance parameters

Frequency (MHz)	Attenuation Max (dB/100m)
5	2.8
10	3.66
200	17.83
400	25.91
800	38.1
1000	43.2

## Partcodes

Partcodes	Description
AR-01-109	aura Coax Cable RG59 Shotgun 2x 0.5mm PVC Eca 75Ohm Outer Dia 6.15mm 100m Black
AR-01-110	aura Coax Cable RG59 Shotgun 2x 0.5mm LSZH Eca 75Ohm Outer Dia 6.15mm 100m Black