



Cabnex59 & 2 X 0.5mm2 Shotgun Cable

Mechanical & Electrical Characteristics

Construction:

URM70:

Inner Conductor:	0.58mm Copper Clad Steel
Insulation:	Solid PE Insulation
Insulation Diameter:	3.70mm (Nominal)
Screen:	Copper Clad Aluminium Braid Coverage >84%
Sheath:	Green LSF
Sheath Diameter:	6.10mm (Nominal)

2 Core Power:

Inner Conductor:	0.50mm ² Plain Copper Wire
Insulation:	PVC Insulation
Insulation Diameter:	1.80mm (Nominal)
Colour Sequence:	1. Red 2. Black

Overall:

Sheath:	PVC (Black or White)
Sheath Diameter:	5.80/6.20mm X 11.60mm (Nominal)

Storage/Operating Temperature:	-15°C to +70°C
Minimum Installation Temperature:	-5°C
DC Resistance Conductor:	0.58mm $\leq 235\Omega/\text{km}$ @20°C 0.50mm ² $\leq 39\Omega/\text{km}$ @20°C
Insulation Resistance:	>200 M Ω/km
Operating Voltage:	50V
Capacitance:	Coax: 67pF/m (Nominal)
Velocity Ratio:	0.66

Attenuation (d/B 100m @ 20°C):	
100Mhz	<15.2
600Mhz	<39.1
1000Mhz	<51.7

Standard Reel Lengths:	100m 200m 250m
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*Cable image and colours are for illustration purposes only and may vary.

Application

Cable for CCTV applications. Contains an RG59 type coaxial cable for signal transmission, and two power cores to provide power to the cameras from a central location.

Specifications

CPR Class F