



# URM70 Coaxial and 0.5mm<sup>2</sup> Control Hybrid Cable

# **Product Type:**

Coaxial Cable

## **Application:**

URM 70 is widely used for security applications connecting CCTV equipment and has a similar construction to the RG59, but with a key difference that it has a stranded conductor centre which is more flexible than the RG59 type. The construction includes four power cores for Pan, Tilt, Zoom (PTZ) or sound.

#### Standards:

Generally to BS2316 REACH and RoHS compliant

## **Construction:**

**URM70** Core

Conductor Stranded plain annealed copper conductor

Insulation Solid polyethylene.
Screen Plain copper braid.
Sheath PVC, Black.

**Power Cores** 

Conductor Stranded tinned annealed copper conductor Insulation PVC; colours Black, Green, Red, White

Assembly Core A assembled with 4 x Core B

Outer Sheath LSF (flame retardant PVC), Black

Cable sheath printed and metre marked

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## **Technical Information:**

URM 70 core diameter 5.7mm nominal Power cores diameter 1.8mm nominal

Cable diameter 10.9 x 8.0mm nominal

**URM70** Core

Conductor resistance  $\leq 93.8\Omega/\text{km} @ 20^{\circ}\text{C}$ 

Insulation resistance >500M  $\Omega$ .km

Rated temperature 80°C Rated Voltage 30V

Capacitance <67 ±5 pF/m

Nominal velocity ratio 66% Impedance 75  $\pm$  3  $\Omega$ 

Attenuation / dB/100m @ 20° C ±5%

100 MHz 13.8 300 MHz 25.5 500 MHz 33.0

**Power Cores** 

Conductor resistance ≤ 36.4 Ω/km @ 20°C

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