URM70 Coaxial and 0.5mm² 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	≤ 93.8Ω/km @ 20°C
Insulation resistance	>500M Ω.km
Rated temperature	80°C
Rated Voltage	30V
Capacitance	<67 ±5 pF/m
Nominal velocity ratio	66%
Impedance	75 ± 3 Ω

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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