



URM70 Coaxial /Belden Style Hybrid

Product Type:

Coaxial Cable

Application:

Audio / Video. URM 70 is widely used for security applications connecting CCTV equipment and with a stranded conductor centre it is more flexible. This may be important if the camera is likely to pan and tilt. The Belden 8723 is a Serial RS-232 interface cable.

Standards:

URM70 core generally to BS2316
REACH and RoHS compliant

Construction:

URM70 Core	
Conductor	Stranded plain annealed copper conductor
Insulation	Solid polyethylene.
Screen	Plain copper braid.
Belden 8723 core	
Conductor	7/0.25mm tinned annealed copper conductor
Insulation	Polypropylene; colours Red, Black, green, white
Pairs	Twisted pairs : Black/Red & Green/White
Core	2 pairs cabled together
Screen	An overall aluminised polyester tape with tinned copper drain wire applied in contact with the tape screen
Inner sheath	PVC
Fig8 overall sheath	PVC, White



Suppliers of Quality Assured Cables

Technical Information:

Belden 8723 Core diameter 4.1mm nominal
Cable dimensions 12.2mm x 5.9mm nominal

URM70 Core

Conductor resistance $\leq 93.8\Omega/\text{km}$ @ 20°C
Insulation resistance $>500\text{M}\Omega\cdot\text{km}$
Rated temperature 70°C
Capacitance $<67 \pm 5 \text{ pF/m}$
Nominal velocity ratio 66%
Impedance $75 \pm 3 \Omega$

Attenuation / dB/100m @ 20° C

100 MHz < 15.2
200 MHz < 21.8
300 MHz < 27.0
600 MHz < 39.1
1000 MHz < 51.7

Belden 8723 Core

Conductor resistance $\leq 58.7 \Omega/\text{km}$ @ 20°C