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

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Technical Information:

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

URM70 Core

Conductor resistance	≤ 93.8Ω/km @ 20°C
Insulation resistance	>500M Ω.km
Rated temperature	70°C
Capacitance	<67 ±5 pF/m
Nominal velocity ratio	66%
Impedance	75 ± 3 Ω

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	≤ 58.7 Ω/km @ 20°C

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