



URM70

75 Ohm CCTV Coaxial

Physical Characteristics

Conductor:	Stranded Pure Copper
Size:	7/0.19mm
Dielectric:	Solid PE [Ø3.25mm]
Screening:	Copper Clad Aluminium Wire Braid
Outer Sheath:	See Below
Sheath Colours	See Below
Weight	See Below

Other versions available:

Sheath	Information	Sheath Colour (s)	Overall Diameter	Weight KG/KM
PVC		Black/White	Ø5.80	40
LSF	Low Smoke & Fume	Black	Ø5.80	40
LSZH	Low Smoke Zero Halogen	Black/White	Ø5.80	40
PE/PP	Direct Burial [Heavier Duty External / Duct]	Black	Ø8.00	60

Electrical Characteristics

Conductor DC Resistance	93.8 [Ω/km]
Rated Temperature	80°C
Rated Voltage	300V
Insulation Resistance	>500 [MΩ/km]
Nominal Capacitance	<67pF/M [±10%]
Velocity Ratio	66.7%
Nominal Impedance	75Ω

Attenuation

@20°C (dB/100M)

5MHz	8.5	800MHz	35.8
100MHz	13.8	860MHz	37.2
200MHz	16.5	1000MHz	39.5
450MHz	26.0		



EN50575:2014
CPR Compliant



LSZH Sheath meets:

IEC60332-1 [Flame Propagation]
IEC60754 [Halogen Free]
IEC61034 [Smoke Emissions]

Our full product range includes:

COAXIALS: RG / URM Digital / Satellite (incl Sky+) [CAI Approved] CCTV RF / Microwave
TELECOM: CW1308 CW1308LSF CW1308LSZH CW1308B CW1128 CW1128/1198 CW1128/1252 Dropwire Jumper Wire CW1311 2002/2003/3002 Flat Cordage
STRUCTURED WIRING: "ULTRA350" CAT5e UTP & FTP "ULTRA550" CAT6 UTP & FTP "ULTRA600" CAT6A U-FTP "ULTRA1200" CAT7A S-FTP [PVC LSZH External UV PE SWA Versions]
DATA: Single Pair Shielded/Unshielded Overall Shielded Core Overall Shielded Pairs Foil & Braid Shield Individual Shielded Pairs Twinax [Belden Equivalents]
DEF STANDARD: 7-2_C (Braided Screen) 16-2_C (Braided Screen) PVC / LSF Sheath options
CCTV / SECURITY: RG/URM Coaxial Video/Door Entry Composites BS4737 Alarm Flex Mains Flex PH30/PH120 Fire Performance Cable
FIBRE OPTICS: Singlemode/Multimode Loose Tube/Tight Buffer Internal/External LSZH Corrugated Armour/SWA
SPEAKER FLEX: "QCSound" Pro Grade OFC Cores LSZH Sheaths
CONNECTED HOME: QCMC5 [2x HDTV Coax] + [2x CAT6] + [1x CAT5e]
CONTROL BUS CABLES: KNX / EIB Bus Cables DataBus® DviceNet™ PROFIBUS Lutron Grafik Eye® CRESSNET® SIMMTRONIC Echelon LonWorks® Mode Lighting
MAINS FLEX: H03VV-F H03VVH2-F H05VV-F H05Z1Z1-F BS6500/BS7919 Arctic Grade H07RN-F
SOLAR: TUV/UL Approved PV Cable.

All our products are RoHS2 [2011/65/EU] and REACH Compliant unless stated otherwise

Statement of Conformance

It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted