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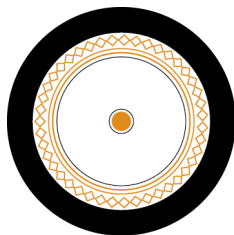
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DFD165

75 Ohm Digital Coaxial

This Class A+ 3GHz Screened pure copper coaxial cable is manufactured to carry Digital/Satellite HDTV signals and is also suitable for HD-SDI CCTV Signals.

It is of the highest quality necessary for 4K TV and Ultra HD.

Physical Characteristics

	DFD165LSZH	DFD165/DB
Conductor:	Bare Copper	Bare Copper
Size:	1/1.63mm	1/1.63mm
Dielectric:	Gas Injected PE (Ø7.25mm)	Gas Injected PE (Ø7.25mm)
Screening:	1. Copper/Mylar Tape 2. 60% Bare Copper Braid	1. Copper/Mylar Tape 2. 60% Bare Copper Braid
Outer Sheath:	LSZH	PP/PE
Sheath Colours	Black Ø10.10	Green Ø11.50
EN50575 CPR Class:	E_{ca}	F_{ca}
Weight	90kg/KM	90kg/KM

Electrical Characteristics

Conductor DC Resistance	10.5 [Ω/km]
Rated Temperature	80°C
Rated Voltage	300V
Insulation Resistance	>500 [MΩ/km]
Nominal Capacitance	<58pF/M [±10%]
Velocity Ratio	80%
Nominal Impedance	75Ω

Attenuation / Return Loss

Attenuation @20°C (dB/100M)			Return Loss dB (±10%)		
5MHz	1.0		5MHz – 30MHz	>23	
50MHz	3.0		30MHz – 470MHz	>23	
100MHz	4.0		470MHz – 862MHz	>20	
200MHz	6.0		862MHz – 2150MHz	>18	
460MHz	8.8				
860MHz	12.0		Screening Attenuation dB (±10%)		
1000MHz	13.5		30MHz – 470MHz	>65	
1750MHz	19.0		470MHz – 862MHz	>65	
2150MHz	22.0		862MHz – 2150MHz	>65	

Suitable as an alternative to the following:

Kathrein LCM14 (DFD165LSZH)
Kathrein LCM17 (DFD165)

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: CW1308LSF CW1308LSZH CW1308B CW1128 CW1128/1198 CW1128/1252 Dropwire Jumper Wire CW1311 3002 Coax Flat Cordage
STRUCTURED WIRING: CAT5e UTP & FTP CAT6 UTP & FTP CAT6A U-UTP & U-FTP 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: 7/0.2 Unscreened / Screened 16/0.2 Unscreened / Screened
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 External Grade
CONNECTED HOME: QCMCS [2x HDTV Coax] + [2x CAT6] + [1x CAT5e]
CONTROL BUS CABLES: H03VV-F H03VVH2-F H05VV-F H05Z1Z1-F BS6500/BS7919 Arctic Grade H07RN-F
MAINS FLEX: H03VV-F H03VVH2-F H05VV-F H05Z1Z1-F BS6500/BS7919 Arctic Grade H07RN-F
SOLAR: TUV Approved PV Cable.

All our products are RoHS2 [2015/863] and REACH Compliant unless stated otherwise

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No legal responsibility can be accepted for any inaccuracy.

The company reserves the right to alter or modify the information without notice.

Any images are for illustration purposes only.

Registered in England & Wales No. 2181405 Directors: M.L.G.Taylor, L.J.Taylor, K.M.Wyldie

Statement of Conformance

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



ULTRA350

**QUALITY
CONNECTIVITY**