

CTF100 Style LSOH sheathed Coaxial Cable For Digital Applications



Product Type:

Coaxial Cable

Application:

This range of cable television and video cables is used primarily to carry TV, Satellite and CCTV signals

Standards:

IEC60754, IEC60332-1 REACH and RoHS compliant

Construction:

Conductor	Solid plain annealed copper conductor
Insulation	Foam polyethylene.
Screen	Copper foil tape.
Braid	Copper clad aluminium
Sheath	LSOH, Black. Other colours available

Technical Information:

Cable diameter 6.6mm nominal

Conductor resistance \leq 24.1 Ω/km Capacitance \qquad 52.5 ± 3 pF/m Impedance \qquad 75 ± 3 Ω

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Attenuation / dB/100m @ 20° C		
5 MHz	≤ 1.6	
50 MHz	≤ 4.6	
100 MHz	≤ 6.5	
200 MHz	≤ 9.5	
460 MHz	≤ 15.0	
860 MHz	≤ 19.5	
1000 MHz	≤ 22.0	
1750 MHz	≤ 29.7	
2150 MHz	≤ 33.4	

Return Loss / dB

5 – 470 MHz ≥22 470 – 862 MHz ≥20 862 – 2150 MHz ≥18

Screening Attenuation / dB 300–1000 MHz ≥70

Flammability IEC60332-1-2

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Issue: 1