



CTF100 Style 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:
REACH and RoHS compliant

Construction:

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

Technical Information:

Cable diameter 6.6mm nominal

Conductor resistance $\leq 24.1 \Omega/\text{km}$
 Capacitance $52.5 \pm 3 \text{ pF/m}$
 Impedance $75 \pm 3 \Omega$

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



Suppliers of Quality Assured Cables

Return Loss / dB

5 – 470 MHz ≥ 22

470 – 862 MHz ≥ 20

862 – 2150 MHz ≥ 18

Screening Attenuation / dB

300–1000 MHz ≥ 70