



CTF165 External 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 over longer distances, usually outside.

Standards:
REACH and RoHS compliant

Construction:

Conductor	Solid plain annealed copper conductor
Insulation	Foam polyethylene.
Screen	Copper foil tape.
Braid	Plain copper braid
Sheath	Polyethylene, Black.

Technical Information:

Cable diameter	10.1mm nominal
Conductor resistance	≤ 10.5 Ω/km
Min Insulation resistance	>500M Ω.km
Max rated temperature	70°C
Capacitance	<58 pF/m
Impedance	75 ± 3 Ω
Nominal velocity ratio	81%



Suppliers of Quality Assured Cables

Attenuation / dB/100m @ 20° C

5 MHz	≤ 1.0
50 MHz	≤ 3.0
100 MHz	≤ 4.0
200 MHz	≤ 6.0
460 MHz	≤ 9.0
860 MHz	≤ 12.5
1000 MHz	≤ 13.5
1750 MHz	≤ 19.0
2150 MHz	≤ 22.0

Return Loss / dB

5 - 470 MHz	≥ 23.0
470 - 862 MHz	≥ 20.0
862 - 2150 MHz	≥ 18.0