

CTF100 DUAL 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 | Two braided units laid parallel with an overall black PVC sheath in a 'Figure 8' cross-section |

Technical Information:

Cable diameter 13.9 x 6.6mm nominal

Conductor resistance $\leq 24.1 \,\Omega/\text{km}$ Max rated temperature 70°C

Capacitance 52.5 \pm 3 pF/m Impedance 75 \pm 3 Ω

Datasheet Ref: CTF100 DUAL style coax

Issue: 2

Page 1 of 2

This data sheet remains the property and copyright of C & C Cables Limited and the information contained within this document must not be copied or reproduced without the permission, in writing, from C & C Cables Limited. All information contained within this data sheet was correct at time of creation but may be subject to change without prior notice.



| 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