

ANTENNA DOWNLEAD

SINGLE SCREENED

These 75 ohm coaxial cables are used for the reception of UHF analogue and digital signals broadcast from terrestrial transmitters. The 'C' and 'RF' cable range is designed for use in areas where the signal level is average to strong.

Specifications	C55	C56	CF56	RF100	RF125
Inner conductor nominal diameter (mm)	1.00 Cu	1.00 Cu	1.00 Cu	1.00 Cu	1.25 Cu
Dielectric nominal diameter (mm)	4.80 Semi Airspaced PE	4.90 Semi Airspaced PE	5.00 Foamed PE	4.80 Semi Airspaced PE	5.50 Semi Airspaced PE
Outer conductor nominal diameter (mm)	5.25 Cu braid	5.10 Al bonded tape & drain wire	5.10 Al bonded tape & drain wire	5.35 Cu braid	6.10 Cu braid
Outer sheath nominal diameter (mm)	6.50 PVC	6.50 PVC	6.50 PVC	6.55 PVC	7.60 PVC

MECHANICAL PROPERTIES

Total weight (Kg/Km)	40	38	39	43	58
Maximum bending radius: single bend (mm)	25	25	25	25	30

ELECTRICAL PROPERTIES

Nom DC resistance Ω /Km inner (outer) conductor	25 (24)	25 (45)	25 (45)	25 (19)	14 (22)
Nominal characteristic impedance (ohm)	75	75	75	75	75
Nominal capacitance (pF/m)	55	55	55	55	55
Minimum RLR (dB)	10-450 MHz: 20 451-1000 MHz: 18 1001-1800 MHz: 17	20 18 17	20 18 17	20 18 17	20 18 17
Minimum screening effectiveness (dB)	45	45	45	45	45
Nominal attenuation $\pm 5\%$ dB/100m	5 MHz: 1.70 50 MHz: 5.40 100 MHz: 7.80	1.30 4.30 5.90	1.30 4.30 5.90	1.65 4.90 7.10	1.45 4.40 6.40
	200 MHz: 11.20 450 MHz: 17.20 600 MHz: 20.00	8.00 13.05 15.10	8.00 13.05 15.10	10.20 15.80 18.40	9.20 13.65 16.70
	860 MHz: 24.40 1000 MHz: 26.40 1200 MHz: -	18.65 20.20 22.15	18.65 20.20 22.15	22.50 24.50 -	20.40 22.20 -
	1500 MHz: - 1750 MHz: - 2050 MHz: -	25.15 27.55 30.25	25.15 27.55 30.25	- - -	- - -

