



BC85203



BC85204



High Quality 50 Ohm LL400 Low Loss Coaxial Cable

BC85203 **100m**
BC85204 **305m**

FEATURES:

- Super Low Loss heavy-duty cable
- Equivalent to LMR400 CLF400
- Double shielded with bonded foil and annealed tinned copper braid
- Superior shielding and corrosion resistance
- Suitable for Cellular Frequencies, Amateur Radio and other 2-Way Radio communications
- Highest grade Hills Antenna coaxial RF cable
- Reinforced superior timber reel
- Frequency Range DC-16GHz and 85% Velocity Propagation

ELECTRICAL PROPERTIES

CABLE TYPE	Coaxial Cable	
CABLE CLASS	LL400	
RESISTANCE	50 Ohm	
NOMINAL IMPEDANCE (Ω)	50 $\pm$ 2	
NOMINAL CAPACITANCE (pF/m)	75	
DC RESISTANCE OF CENTRAL CONDUCTOR (Ω /km)	$\leq$ 4.58	
DC RESISTANCE OF EXTERNAL CONDUCTOR (Ω /km)	$\leq$ 10.5	
ATTENUATION @ 20°C	FREQUENCY (MHz)	MAXIMUM (dB/100m)
	30	2.95
	50	3.61
	150	5.57
	220	6.89
	450	9.51
	900	13.44
	1500	17.38
	1800	19.34
	2000	20.33
	2500	22.95
	5800	36.07

PHYSICAL CHARACTERISTICS

COLOUR	Black
SHIELDING	Bonded Aluminum/PET/Aluminium Foil
BRAIDING	8x24x0.16mm 95% Tinned Copper Coverage
CONDUCTOR	2.74mm $\pm$ 0.01mm Copper Clad Aluminium
DIELECTRIC	7.24 $\pm$ 0.15mm Foamed PE
JACKET	10.29 $\pm$ 0.20mm PVC
OPERATING TEMPERATURE	-15°C to 75°C
PACKAGING	Timber Reel with Label
WARRANTY	1 Year

FOR MORE INFORMATION:

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