



BC85205



BC85206



High Quality 50 Ohm LL240 Low Loss Coaxial Cable

BC85205	100m
BC85206	305m

FEATURES:

- Super Low Loss heavy-duty cable
- Equivalent to LMR240 CLF240
- 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-8GHz and 85% Velocity Propagation

ELECTRICAL PROPERTIES

CABLE TYPE	Coaxial Cable
CABLE CLASS	LL240
RESISTANCE	50 Ohm
NOMINAL IMPEDANCE (Ω)	50±2
NOMINAL CAPACITANCE (pF/m)	75
DC RESISTANCE OF CENTRAL CONDUCTOR (Ω/km)	≤11.6
DC RESISTANCE OF EXTERNAL CONDUCTOR (Ω/km)	≤13.9

ATTENUATION @ 20°C	FREQUENCY (MHz)	MAXIMUM (dB/100m)
	30	4.92
	50	6.23
	150	10.49
	220	12.79
	450	18.03
	900	25.57
	1500	33.11
	1800	36.39
	2000	38.36
	2500	42.95
	5800	67.54

PHYSICAL CHARACTERISTICS

COLOUR	Black
SHIELDING	Bonded Aluminum/PET/Aluminium Foil
BRAIDING	8x16x0.12mm 90% Tinned Copper Coverage
CONDUCTOR	1.42mm±0.01mm Bare Copper
DIELECTRIC	3.81±0.10mm Foamed PE
JACKET	10.29±0.20mm PVC
OPERATING TEMPERATURE	-15°C to 75°C

PACKAGING	Timber Reel with Label
WARRANTY	1 Year

FOR MORE INFORMATION:

☎ 1300 601 915 ✉ orders@bitek.com.au 🌐 www.bitek.com.au

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