



1) Physical Dimensions

Center Conductor:	1.42±0.01mm Bare Copper
Dielectric:	3.81±0.10mm Foamed PE
Shielding 01:	Bonded AL/PET/AL Foil
Braiding:	8 x 16 x 0.12mm Tinned Copper Coverage 90%
Jacket:	6.1±0.20mm PVC

2) Electrical Properties

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 [@68°F(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	

3) Physical Properties

Operating Temperature-PVC Jacket: -15°C—75°C

4) BC85205 100m Reel

BC85206 305m Reel

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