



1) Physical Dimensions

Center Conductor:	0.94±0.01mm Bare Copper
Dielectric:	2.79±0.10mm Foamed PE
Shielding 01:	Bonded AL/PET/AL Foil
Braiding:	7 x 16 x 0.12mm Tinned Copper Coverage 90%
Jacket:	4.95±0.20mm PVC

2) Electrical Properties

Nominal Impedance(Ω)		50±2
Nominal Capacitance(pF/m)		80
DC Resistance of Central Conductor (Ω/km)		≤26.5
DC Resistance of Central Conductor (Ω/km)		≤15.2
Attenuation [@68°F(20°C)]	Frequency (MHz)	Maximum (dB/100m)
	30	7.21
	50	8.85
	150	15.08
	220	18.36
	450	26.23
	900	37.05
	1500	48.20
	1800	53.11
	2000	56.07
2500	62.95	
5800	101.97	

3) Physical Properties

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

4) BC85207 100m Reel

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Available From:

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