



**1) Physical Dimensions**

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

**2) Electrical Properties**

<b>Nominal Impedance(Ω)</b>		50±2
<b>Nominal Capacitance(pF/m)</b>		80
<b>DC Resistance of Central Conductor (Ω/km)</b>		≤26.5
<b>DC Resistance of Central Conductor (Ω/km)</b>		≤15.2
<b>Attenuation [@68°F(20°C)]</b>	<b>Frequency (MHz)</b>	<b>Maximum (dB/100m)</b>
	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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