

LOW LOSS COAXIAL CABLE		5007		
DIMENSIONS				
Center Conductor Diameter				
(inch)		0.057 ±0.001		
(mm)		1.45 ± 0.0254		
Dielectric Diameter				
(inch)		0.16 ±0.005		
(mm)		4.06 ±0.127		
Inner Braid Diameter				
(inch)		0.17 ±0.005		
(mm)		4.32 ±0.127		
Diameter over Interlayer				
(inch)		0.175 ±0.005		
(mm)		4.45 ±0.127		
Diameter over Outer Braid				
(inch)		0.191 ±0.005		
(mm)		4.85 ±0.127		
Jacket Diameter				
(inch)		0.235 ±0.005		
(mm)		5.97 ±0.127		
MATERIAL SPECIFICATIONS				
Jacket		FEP		
Outer Braid		Round silver plated copper		
Interlayer		Aluminium polyester		
Inner Braid		Flat silver plated copper strip		
Dielectric		Expanded PTFE tape		
Center Conductor		Solid silver plated copper		
ELECTRICAL CHARACTERISTICS				
Impedance		50±2		
Capacitance (Nominal)				
(pF/ft)		25		
(pF/m)		82		
Velocity of Propagation (%)		80		
Cutt Off Frequency (GHz)		23		
Shielding Effectiveness		> -90dB		
Max. Attenuation (dB/100Ft)				
		Attenuation		
Max Power (Watts)			Power	
		dB/ 100Ft	dB/ 100M	
400MHz		5	16.4	1500
1GHz		8	26.2	900
3GHz		14	45.9	540
5GHz		18	59	410
10GHz		27	88.6	300
18GHz		37	121.4	/
MECHANICAL CHARACTERISTICS				
Max. Operating Temperature (°C)		-55/+200		
Min. Bend Radius				
(inch)		1.2		
(mm)		30.5		
Weight				
(g/Ft)		23		
(g/M)		76		

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.