

LOW LOSS COAXIAL CABLE	5006		
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)	0.089 ±0.001		
(mm)	2.26 ± 0.0254		
Dielectric Diameter			
(inch)	0.25 ±0.005		
(mm)	6.35 ±0.127		
Inner Braid Diameter			
(inch)	0.258 ±0.005		
(mm)	6.55 ±0.127		
Diameter over Interlayer			
(inch)	0.264 ±0.005		
(mm)	6.71 ±0.127		
Diameter over Outer Braid			
(inch)	0.284 ±0.005		
(mm)	7.21 ±0.127		
Jacket Diameter			
(inch)	0.335 ±0.005		
(mm)	8.51 ±0.127		
<b>MATERIAL SPECIFICATIONS</b>			
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		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50±2		
Capacitance (Nominal)			
(pF/ft)	25		
(pF/m)	82		
Velocity of Propagation (%)	80		
Cutt Off Frequency (GHz)	18		
Shielding Effectiveness	> -90dB		
Max. Attenuation (dB/100Ft)	Attenuation		Power
Max Power (Watts)	dB/ 100Ft	dB/ 100M	
400MHz	3.5	11.4	2900
1GHz	5.5	18	1800
3GHz	9.5	31.2	1050
5GHz	12.5	41	850
10GHz	19	62.3	600
18GHz	26	85.3	300
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	-55/+200		
Min. Bend Radius	Static		Dynamic
(inch)	1.7		3.4
(mm)	43.2		86.4
Weight			
(g/Ft)	44		
(g/M)	145		

This part number complies with RoHS.

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