



LOW LOSS COAXIAL CABLE	5001	
<b>DIMENSIONS</b>		
Center Conductor Diameter		
(inch)	0.0113	
(mm)	0.285	
Dielectric Diameter		
(inch)	0.036	
(mm)	0.92	
Diameter over Inner Foil		
(inch)	0.040	
(mm)	1.02	
Diameter over Outer Braid		
(inch)	0.049	
(mm)	1.25	
Jacket Diameter		
(inch)	0.069	
(mm)	1.75	
<b>MATERIAL SPECIFICATIONS</b>		
Jacket	FEP	
Outer Braid	Round silver plated copper	
Inner Foil	Flat silver plated copper Tape	
Dielectric	Solid PTFE	
Center Conductor	Solid silver plated copper	
<b>ELECTRICAL CHARACTERISTICS</b>		
Impedance	50±2	
Capacitance (Nominal)		
(pF/ft)	29.4	
(pF/m)	96.4	
Velocity of Propagation (%)	70	
Cutt Off Frequency (GHz)	110	
Shielding Effectiveness	> -110dB	
Max. Attenuation (dB/100Ft)	Attenuation	
	dB/100Ft	dB/100M
400MHz	24.09	79
1GHz	38.11	125
3GHz	67.07	220
5GHz	87.50	287
10GHz	127.44	418
<b>MECHANICAL CHARACTERISTICS</b>		
Max. Operating Temperature (°C)	-55/ +200	
Min. Bend Radius	Static	Dynamic
(inch)	0.15	0.3
(mm)	3.8	7.6
Weight		
(g/Ft)	2.1	
(g/M)	6.8	

\*Cable wrapped around a 5cm diameter mandrel.

**This part number complies with RoHS.**

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