

LOW LOSS COAXIAL CABLE		5004	
DIMENSIONS			
Center Conductor Diameter			
(inch)			0.0403 ±0.001
(mm)			1.0236 ± 0.0254
Dielectric Diameter			
(inch)			0.110 ±0.005
(mm)			2.794 ±0.127
Inner Braid Diameter			
(inch)			0.116 ±0.005
(mm)			2.946 ±0.127
Diameter over Interlayer			
(inch)			.122 ±0.005
(mm)			3.099 ±0.127
Diameter over Outer Braid			
(inch)			0.140 ±0.005
(mm)			3.556±0.127
Jacket Diameter			
(inch)			0.16 ±0.005
(mm)			4.064 ±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)	24		
(pF/m)	79		
Velocity of Propagation (%)	84		
Cutt Off Frequency (GHz)	42		
Shielding Effectiveness	> -90dB		
Max. Attenuation (dB/100Ft)	Attenuation		Power
Max Power (Watts)	dB/100Ft	dB/100M	
400MHz	7.1	23.3	960
1GHz	11.2	36.7	500
3GHz	19.6	64.3	300
5GHz	25.7	84.3	220
10GHz	36.9	121	120
18GHz	50.4	165.3	77
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-55/+200		
Min. Bend Radius			
(inch)	0.8		
(mm)	20.32		
Weight			
(g/Ft)	12.5		
(g/M)	41		

This part number complies with RoHS.

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