



LOW LOSS COAXIAL CABLE		6005A	
DIMENSIONS			
Center Conductor Diameter (inch)		0.051	
(mm)		1.3	
Dielectric Diameter (inch)		0.1405	
(mm)		3.57	
Diameter Over 1 st Foil (inch)		0.148	
(mm)		3.77	
Diameter Over 2 nd Foil (inch)		0.152	
(mm)		3.87	
Diameter over Braid (inch)		0.171	
(mm)		4.35	
Diameter Over 3 rd Foil (inch)		0.175	
(mm)		4.45	
Jacket Diameter (inch)		0.276	
(mm)		7	
MATERIAL SPECIFICATIONS			
Jacket		PUR(BLUE)	
3 rd Foil		Aluminum Foil	
Outer Braid		Round Silver Plated Copper	
2 nd Foil		Aluminum Foil	
1 st Foil		Silver Plated Copper Foil	
Dielectric		LD PTFE	
Center Conductor		Solid SPC	
ELECTRICAL CHARACTERISTICS			
Impedance		50	
Capacitance (Nominal) (pF/ft)		25	
(pF/m)		82	
Velocity of Propagation (%)		80	
Cutt Off Frequency (GHz)		32.9	
Shielding Effectiveness		> -90dB	
Typical Attenuation (dB/100Ft)	Attenuation		Power
Max Power (Watts)	dB/100Ft	dB/100M	
400MHz	5.79	19	255
1GHz	8.84	29	150
3GHz	15.55	51	80
5GHz	20.12	66	60
10GHz	28.96	95	45
18GHz	41.16	135	35
20GHz	43.60	143	33
23GHz	49.39	162	30
25GHz	50.30	165	28
26.5GHz	53.35	175	26
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40/ +85		
Min. Bend Radius	Static		Dynamic
(inch)	0.84		2.75
(mm)	21.3		70
Weight (g/Ft)	22.6		
(g/M)	74		

This part number complies with RoHS.

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