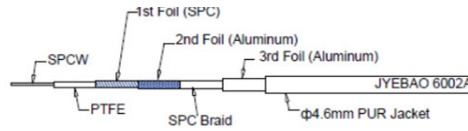


JYEBAO



LOW LOSS COAXIAL CABLE		6002A				
DIMENSIONS						
Center Conductor Diameter (inch) (mm)						0.0201 0.51
Dielectric Diameter (inch) (mm)						0.064 1.63
Diameter Over 1 st Foil (inch) (mm)						0.071 1.8
Diameter Over 2 nd Foil (inch) (mm)						0.075 1.9
Diameter over Braid (inch) (mm)						0.089 2.25
Diameter Over 3 rd Foil (inch) (mm)						0.092 2.35
Jacket Diameter (inch) (mm)						0.181 4.6
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						Solid PTFE
Center Conductor						Solid SPCW
ELECTRICAL CHARACTERISTICS						
Impedance						50±2
Capacitance (Nominal) (pF/ft) (pF/m)						29.4 96.4
Velocity of Propagation (%)						70
Cutt Off Frequency (GHz)						70
Shielding Effectiveness						> -110dB
Max. Attenuation Max Power (Watts)	Attenuation		Power			
	dB/100Ft	dB/100M				
400MHz	14	45.9	160			
1GHz	23	75.4	80			
3GHz	39	127.9	40			
5GHz	52	170.6	26			
10GHz	80	262.4	19			
18GHz	110	360.8	14			
25GHz	131	429.7	12			
30GHz	146	478.9	11			
35GHz	160	524.8	10			
40GHz	173	567.4	9			
45GHz	183	600.2	8			
50GHz	195	639.6	7			
55GHz	212	681	7			
60GHz	221	724	6			
65GHz	243	768	6			
70GHz	245	803	6			
Operating Frequency	18GHz	26.5GHz	40GHz	50GHz	70GHz	
Phase Stability v.s. Bending ¹	±1.0° typ/ ±1.5° max	±1.5° typ/ ±2.0° max	±2° typ/ ±3.5° max	±3° typ/ ±8° max	±5° typ/ ±10° max	
Amplitude Stability v.s. Bending ²	±°0.015dB typ/ ±0.03dB max	±°0.02dB typ/ ±0.04dB max	±°0.03dB typ/ ±0.06dB max	±°0.04dB typ/ ±0.08dB max	±°0.05dB typ/ ±0.10dB max	
MECHANICAL CHARACTERISTICS						
Max. Operating Temperature (°C)						-40/ +85
Min. Bend Radius	Static		Dynamic			
(inch)	0.54		1.18			
(mm)	13.8		30			
Flex Life Cycles ³	N/A		≥ 100000			
Weight (g/Ft) (g/M)						10.5 34.5

¹ Per IEC 60966-1, section 8.6, method1.

² Per IEC 60966-1, section 8.4

³ Per IEC 60966-1, section 9.3

This part number complies with RoHS.

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

Phase Change vs. Temperature.(6002A)

