

LOW LOSS COAXIAL CABLE	5002NM		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0201		
(mm)	0.51		
Dielectric Diameter			
(inch)	0.064		
(mm)	1.63		
Inner Braid Diameter			
(inch)	0.071		
(mm)	1.8		
Diameter over Outer Braid			
(inch)	0.086		
(mm)	2.18		
Jacket Diameter			
(inch)	0.104		
(mm)	2.64		
MATERIAL SPECIFICATIONS			
Jacket	FEP		
Outer Braid	Round silver plated copper		
Inner Braid	Flat silver plated copper strip		
Dielectric	Solid PTFE		
Center Conductor	Solid silver plated copper		
ELECTRICAL CHARACTERISTICS			
Impedance	50±2		
Capacitance (Nominal)			
(pF/ft)	29.4		
(pF/m)	96.4		
Velocity of Propagation (%)	70		
Cutt Off Frequency (GHz)	63		
Shielding Effectiveness	> -110dB		
Max. Attenuation	Attenuation		Power
Max Power (Watts)	dB/100Ft	dB/100M	
400MHz	14	45.9	240
1GHz	23	75.4	160
3GHz	39	127.9	80
5GHz	52	170.6	57
10GHz	80	262.4	44
18GHz	110	360.8	33
25GHz	131	429.7	29
30GHz	146	478.9	26
35GHz	160	524.8	23
40GHz	173	567.4	22
45GHz	183	600.2	20
50GHz	195	639.6	18
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-55/+200		
Min. Bend Radius	Static		Dynamic
(inch)	0.25		0.79
(mm)	6.35		20
Weight			
(g/Ft)	6		
(g/M)	19.7		

This part number complies with RoHS.

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