

JBY LOW LOSS COAXIAL CABLE	JBY300		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch / mm)	0.070/1.78		
Dielectric Diameter (inch / mm)	0.190/4.83		
Outer Conductor Diameter (inch / mm)	0.196/4.98		
Diameter over Overall Braid (inch / mm)	0.225/5.72		
Jacket Diameter (inch / mm)	0.3/7.62		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	Black Polyethylene		
Overall Braid	Tinned Copper		
Outer Conductor	Aluminium Tape		
Dielectric	Foamed Polyethylene		
Center Conductor	Bare Copper		
<b>ELECTRICAL CHARACTERISTICS</b>			
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	2.12 6.96		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	2.21 7.25		
Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	23.9 78.4		
Inductance (uH/ft) (uH/m)	0.06 0.2		
Velocity of propagation (%)	85		
Dielectric strength	DC2000V		
Peak power rating	10KW		
Cutt off frequency (GHz)	24.5		
Shielding effectiveness	>90dB		
Typical Attenuation Average Power (Watts)	Attenuation		Power
	dB/100Ft	dB/100M	
30MHz	1.1	3.6	2100
50MHz	1.4	4.6	1600
150MHz	2.4	7.9	920
220MHz	2.9	9.5	760
450MHz	4.2	13.8	520
900MHz	6.1	20	360
1500MHz	7.9	26	280
1800MHz	8.7	28.5	250
2000MHz	9.2	30.2	240
2500MHz	10.4	34.1	210
5800MHz	16.6	54.4	130
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	0.88 22.2		
Weight (g/Ft) (g/M)	24.4 80		

This part number complies with RoHS.

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