

JBY LOW LOSS COAXIAL CABLE	JBY200		
DIMENSIONS			
Center Conductor Diameter (inch / mm)	0.044 / 1.13		
Dielectric Diameter (inch / mm)	0.116 / 2.95		
Outer Conductor Diameter (inch / mm)	0.12 / 3.03		
Diameter over Overall Braid (inch / mm)	0.139 / 3.53		
Jacket Diameter (inch / mm)	0.195 / 4.95		
MATERIAL SPECIFICATIONS			
Jacket	Black Polyethylene		
Overall Braid	Tinned Copper		
Outer Conductor	Aluminium Tape		
Dielectric	Foamed Polyethylene		
Center Conductor	Bare Copper		
ELECTRICAL CHARACTERISTICS			
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	5.37 17.6		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	4.9 16.1		
Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	24.5 80.4		
Inductance (uH/ft) (uH/m)	0.06 0.2		
Velocity of propagation (%)	83		
Dielectric strength	DC1000V		
Peak power rating	2.5KW		
Cutt off frequency (GHz)	39		
Shielding effectiveness	>90dB		
	Attenuation		Power
Typical Attenuation Average Power (Watts)	dB/100Ft	dB/100M	
30MHz	1.89	6.2	1020
50MHz	2.38	7.8	790
150MHz	4.15	13.6	450
220MHz	5.03	16.5	370
450MHz	7.10	23.3	260
900MHz	10.27	33.7	180
1500MHz	13.48	44.2	140
1800MHz	14.76	48.4	130
2000MHz	15.64	51.3	120
2500MHz	17.68	58	100
5800MHz	29.57	97	70
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	Static 0.5 12.7	Dynamic (25 Bendings Max) 2 51	
Weight (g/Ft) (g/M)	12 39.4		

This part number complies with RoHS.

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