

JBY LOW LOSS COAXIAL CABLE	JBY195		
DIMENSIONS			
Center Conductor Diameter (inch / mm)	0.037 / 0.95		
Dielectric Diameter (inch / mm)	0.113 / 2.87		
Outer Conductor Diameter (inch / mm)	0.116 / 2.95		
Diameter over Overall Braid (inch / mm)	0.135 / 3.44		
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)	7.6 24.94		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	4.9 16.08		
Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	3.18 80.7		
Inductance (uH/ft) (uH/m)	0.064 0.21		
Velocity of propagation (%)	80		
Dielectric strength	DC1000V		
Peak power rating	2.5KW		
Cutt off frequency (GHz)	41		
Shielding effectiveness	>90dB		
Typical Attenuation Average Power (Watts)	Attenuation		Power
	dB/100Ft	dB/100M	
30MHz	1.98	6.5	850
50MHz	2.56	8.4	660
150MHz	4.45	14.6	380
220MHz	5.40	17.7	310
450MHz	7.77	25.5	210
900MHz	11.13	36.5	150
1500MHz	14.54	47.7	120
1800MHz	16.01	52.5	110
2000MHz	16.89	55.4	100
2500MHz	19.02	62.4	90
5800MHz	30.49	100	60
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.