

JBY LOW LOSS COAXIAL CABLE	JBY400			
DIMENSIONS				
Center Conductor Diameter (inch / mm)	0.108 / 2.74			
Dielectric Diameter (inch / mm)	0.285 / 7.24			
Outer Conductor Diameter (inch / mm)	0.291 / 7.4			
Diameter over Overall Braid (inch / mm)	0.319 / 8.1			
Jacket Diameter (inch / mm)	0.405 / 10.3			
MATERIAL SPECIFICATIONS				
Jacket	Black Polyethylene			
Overall Braid	Tinned Copper			
Outer Conductor	Aluminium Tape			
Dielectric	Foamed Polyethylene			
Center Conductor	Copper Clad Aluminium			
ELECTRICAL CHARACTERISTICS				
Max DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	1.44 4.7			
Max DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	2.14 7			
Impedance	50±3			
Capacitance (Nominal) (pF/ft) (pF/m)	24.4 80			
Inductance (uH/ft) (uH/m)	0.06 0.2			
Velocity of propagation (%)	85			
Dielectric strength	DC2500V			
Peak power rating	16KW			
Cutt off frequency (GHz)	16.2			
Shielding effectiveness	>90dB			
Typical Attenuation Average Power (Watts)	Attenuation		Power	
	dB/100Ft	dB/100M		
	30MHz	0.71	2.3	3300
	50MHz	0.95	3.1	2600
	150MHz	1.62	5.3	1500
	220MHz	1.95	6.4	1200
	450MHz	2.87	9.4	830
	900MHz	4.15	13.6	580
	1500MHz	5.43	17.8	440
	1800MHz	6.04	19.8	400
	2000MHz	6.34	20.8	370
2500MHz	7.17	23.5	330	
5800MHz	11.74	38.5	210	
MECHANICAL CHARACTERISTICS				
Max. Operating Temperature (°C)	-40 to +80			
Min. Bend Radius (inch) (mm)	2 50			
Weight (g/Ft) (g/M)	38 125			

This part number complies with RoHS.

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