

JBY LOW LOSS COAXIAL CABLE	JBY179			
DIMENSIONS				
Center Conductor Diameter (inch / mm)	0.0122 / 0.31			
Dielectric Diameter (inch / mm)	0.056 / 1.42			
Outer Conductor Diameter (inch / mm)	0.06 / 1.53			
Diameter over Overall Braid (inch / mm)	0.079 / 2			
Jacket Diameter (inch / mm)	0.1 / 2.54			
MATERIAL SPECIFICATIONS				
Jacket	Black PVC			
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)	108 354.24			
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	8.9 29.19			
Impedance	75±2			
Capacitance (Nominal) (pF/ft) (pF/m)	17.4 57.07			
Inductance (uH/ft) (uH/m)	0.106 0.35			
Velocity of propagation (%)	77			
Dielectric strength	DC300V			
Peak power rating	0.6kW			
Cutt off frequency (GHz)	/			
Shielding effectiveness	>90dB			
Typical Attenuation Average Power (Watts)	Attenuation		Power	
		dB/100Ft	dB/100M	
	30MHz	4.7	15.4	115
	50MHz	5.4	17.7	90
	150MHz	8.23	27	50
	220MHz	9.9	32.5	40
	450MHz	13.9	45.6	30
	900MHz	20.1	65.9	25
	1500MHz	26.3	86.3	20
	1800MHz	29	95.1	15
	2000MHz	30.8	101	10
	2500MHz	35	114.8	5
4500MHz	47.5	155.8	4	
5800MHz	/	/	/	
MECHANICAL CHARACTERISTICS				
Max. Operating Temperature (°C)	-20 to +75			
Min. Bend Radius (inch) (mm)	0.25 6.4			
Weight (g/Ft) (g/M)	3.8 12.5			

This part number complies with RoHS.

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