

JBY LOW LOSS COAXIAL CABLE	JBY59		
<b>DIMENSIONS</b> Center Conductor Diameter (inch / mm)	0.032/ 0.8		
Dielectric Diameter (inch / mm)	0.146/ 3.7		
Outer Conductor Diameter (inch / mm)	0.148 / 3.77		
Diameter over Overall Braid (inch / mm)	0.165/ 4.2		
Jacket Diameter (inch / mm)	0.24/ 6.1		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	Black PVC		
Overall Braid	Bare Copper		
Outer Conductor	Aluminium Tape		
Dielectric	Foamed Polyethylene		
Center Conductor	Bare Copper		
<b>ELECTRICAL CHARACTERISTICS</b>			
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	10.1 33.1		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	3.89 12.76		
Impedance	75±2		
Capacitance (Nominal) (pF/ft) (pF/m)	16.1 52.9		
Inductance (uH/ft) (uH/m)	0.091 0.3		
Velocity of propagation (%)	84		
Dielectric strength	DC1500V		
Peak power rating	5.6kW		
Cutt off frequency (GHz)	/		
Shielding effectiveness	>90dB		
Typical Attenuation Average Power (Watts)  30MHz 50MHz 150MHz 220MHz 450MHz 900MHz 1500MHz 1800MHz 2000MHz 2500MHz 4500MHZ	Attenuation dB/100Ft	dB/100M	Power
	1.3	4.3	1410
	1.6	5.2	1090
	2.9	9.51	620
	3.5	11.5	510
	5	16.4	350
	7.2	23.6	250
	9.4	30.8	190
	10.3	33.8	170
	10.9	35.8	160
	12.3	40.3	140
	16.4	53.8	/
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	Static	Dynamic (Max. 25 Bendings)	
	0.75	2.48	
	19.1	63	
Weight (g/Ft) (g/M)	16 52.5		

This part number complies with RoHS.

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