

JBY LOW LOSS COAXIAL CABLE	JBY240		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch / mm)	0.056 / 1.42		
Dielectric Diameter (inch / mm)	0.15 / 3.81		
Outer Conductor Diameter (inch / mm)	0.153 / 3.88		
Diameter over Overall Braid (inch / mm)	0.177 / 4.5		
Jacket Diameter (inch / mm)	0.24 / 6.1		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	Black Polyethylene		
Overall Braid	Tinned Copper		
Outer Conductor	Aluminium Tape		
Dielectric	Foamed Polyethylene		
Center Conductor	Bare Copper		
<b>ELECTRICAL CHARACTERISTICS</b>			
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	3.2 10.5		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	3.89 12.76		
Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	24.2 79.4		
Inductance (uH/ft) (uH/m)	0.06 0.2		
Velocity of propagation (%)	84		
Dielectric strength	DC1500V		
Peak power rating	5.6KW		
Cutt off frequency (GHz)	31		
Shielding effectiveness	>90dB		
Typical Attenuation Average Power (Watts)	Attenuation		Power
	dB/100Ft	dB/100M	
30MHz	1.40	4.6	1490
50MHz	1.80	5.9	1150
150MHz	3.11	10.2	660
220MHz	3.81	12.5	540
450MHz	5.43	17.8	380
900MHz	7.77	25.5	260
1500MHz	10.30	33.8	200
1800MHz	11.52	37.8	180
2000MHz	12.20	40	170
2500MHz	13.90	45.6	150
5800MHz	21.65	71	100
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	Static		Dynamic (25 Bendings Max)
	0.75 19		2.5 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.