

<b>JBY LOW LOSS COAXIAL CABLE</b>	<b>JBY600</b>		
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch / mm)	0.176 / 4.47		
Dielectric Diameter (inch / mm)	0.455 / 11.56		
Outer Conductor Diameter (inch / mm)	0.461 / 11.71		
Diameter over Overall Braid (inch / mm)	0.49 / 12.45		
Jacket Diameter (inch / mm)	0.59 / 14.99		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	Black Polyethylene		
Overall Braid	Tinned Copper		
Outer Conductor	Aluminium Tape		
Dielectric	Foamed Polyethylene		
Center Conductor	Copper Clad Aluminium		
<b>ELECTRICAL CHARACTERISTICS</b>			
DC resistance inner conductor (Ohms/1000Ft) (Ohms/1000m)	0.54 1.77		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	1.2 3.94		
Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	23.4 76.8		
Inductance (uH/ft) (uH/m)	0.058 0.19		
Velocity of propagation (%)	87		
Dielectric strength	DC4000V		
Peak power rating	40KW		
Cutt off frequency (GHz)	10.3		
Shielding effectiveness	>90dB		
Typical Attenuation Average Power (Watts)	Attenuation		Power
	dB/100Ft	dB/100M	
30MHz	0.46	1.5	5500
50MHz	0.61	2	4200
150MHz	1.01	3.3	2400
220MHz	1.19	3.9	2000
450MHz	1.77	5.8	1350
900MHz	2.56	8.4	930
1500MHz	3.38	11.1	700
1800MHz	3.75	12.3	630
2000MHz	3.99	13.1	590
2500MHz	4.54	14.9	520
5800MHz	7.47	24.5	320
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	3 76.2		
Weight (g/Ft) (g/M)	61 201		

**This part number complies with RoHS.**

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