

JBY LOW SMOKE HALOGEN FREE COAXIAL CABLE	JBY59-LSFH		
DIMENSIONS			
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		
MATERIAL SPECIFICATIONS			
Jacket	LSFH		
Overall Braid	Bare Copper		
Outer Conductor	Aluminium Tape		
Dielectric	SPEX (Cross Link Foamed PE)		
Center Conductor	Bare Copper		
ELECTRICAL CHARACTERISTICS			
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		
Shielding effectiveness	>90dB		
Typical Attenuation	Attenuation		Power
Average Power (Watts)	dB/100Ft	dB/100M	
30MHz	1.3	4.3	1410
50MHz	1.6	5.2	1090
150MHz	2.9	9.51	620
220MHz	3.5	11.5	510
450MHz	5	16.4	350
900MHz	7.2	23.6	250
1500MHz	9.4	30.8	190
1800MHz	10.3	33.8	170
2000MHz	10.9	35.8	160
2500MHz	12.3	40.3	140
4500MHz	16.4	53.8	/
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	Static 0.75 19.1	Dynamic (Max. 25 Bendings) 2.48 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.