

JBY LOW SMOKE HALOGEN FREE COAXIAL CABLE	JBY195-LSFH		
DIMENSIONS			
Center Conductor Diameter (inch / mm)	0.037 / 0.95		
Dielectric Diameter (inch / mm)	0.113 / 2.87		
Outer Conductor Diameter (inch / mm)	0.116 / 2.95		
Diameter over Overall Braid (inch / mm)	0.135 / 3.44		
Jacket Diameter (inch / mm)	0.195 / 4.95		
MATERIAL SPECIFICATIONS			
Jacket	LSFH		
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)	7.6 24.94		
DC resistance outer conductor (Ohms/1000Ft) (Ohms/1000m)	4.9 16.08		
Impedance	50±2		
Capacitance (Nominal) (pF/ft) (pF/m)	3.18 80.7		
Inductance (uH/ft) (uH/m)	0.064 0.21		
Velocity of propagation (%)	80		
Dielectric strength	DC1000V		
Peak power rating	2.5KW		
Cutt off frequency (GHz)	41		
Shielding effectiveness	>90dB		
Typical Attenuation Average Power (Watts) 30MHz 50MHz 150MHz 220MHz 450MHz 900MHz 1500MHz 1800MHz 2000MHz 2500MHz 5800MHz	Attenuation		Power
	dB/100Ft	dB/100M	
	1.98	6.5	850
	2.56	8.4	660
	4.45	14.6	380
	5.40	17.7	310
	7.77	25.5	210
	11.13	36.5	150
	14.54	47.7	120
	16.01	52.5	110
	16.89	55.4	100
	19.02	62.4	90
	30.49	100	60
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40 to +80		
Min. Bend Radius (inch) (mm)	Static	Dynamic (25 Bendings Max)	
	0.5	2	
	12.7	51	
Weight (g/Ft) (g/M)	12 39.4		

This part number complies with RoHS.

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