

FLAME RETARDANT & HALOGEN FREE	RG316-LSFH		
COAXIAL CABLES			
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.019		
(mm)	0.49		
Dielectric Diameter			
(inch)	0.06		
(mm)	1.54		
Braid Diameter			
(inch)	0.081		
(mm)	2.05		
Jacket			
(inch)	0.099		
(mm)	2.52		
MATERIAL SPECIFICATIONS			
Jacket	PVC(LSFH)		
Braid	SPC (Single Braid)		
Dielectric	SPEX		
Center Conductor	7/0.16mm SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50 Ohm		
Capacitance (Nominal)			
(pF/ft)	29		
(pF/m)	95		
Velocity of Propagation (%)	70.1		
Maximum Working Voltage			
(K VRMS)	1		
Test Voltage			
(KV RMS)	3		
Typical Attenuation	Attenuation		Power
Max Power (Watts)	dB/ 100Ft	dB/ 100M	
300MHz	13.4	44	145
600MHz	20.1	65.9	105
1.2GHZ	30.5	100	74
1.8GHZ	39	127.9	61
2.4GHz	46.6	152.8	53
3GHz	53.9	176.8	47
3.9GHz	/	/	/
4.8GHz	/	/	/
6GHz	/	/	/
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-20/+80		
Min. Bend Radius	Static	Dynamic	
(inch)	0.197	1.18	
(mm)	5	30	
Weight			
(g/Ft)	4.9		
(g/M)	16		

This part number complies with RoHS.

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