

Low Impedance Semi-Rigid	<b>.043AG-C-F-10</b>		
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)	0.0285±0.0005		
(mm)	0.72± 0.0127		
Dielectric Diameter			
(inch)	0.036 ±0.001		
(mm)	0.91±0.0254		
Outer Conductor Diameter			
(inch)	0.043+0.0002/-0.001		
(mm)	1.092+0.0508/-0.0254		
<b>MATERIAL SPECIFICATIONS</b>			
Outer Conductor	Silver Plated Copper		
Dielectric	FEP		
Center Conductor	SPC		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	10±1.5		
Capacitance (Nominal)			
(pF/ft)	145.1		
(pF/m)	476.0		
Corona Extinction Voltage			
(VRMS 60Hz)	200		
Voltage Withstanding			
(VRMS 60Hz)	500		
Cut off Frequency (GHz)	81		
Typical Attenuation	Attenuation		Power
Average Power (Watts CW) at 20°C and Sea Level	dB/ 100Ft	dB/ 100M	
0.5GHz	65.6	215.2	27.7
1GHz	93.0	305	19.5
5GHz	210.3	689.8	8.7
10GHz	299.8	983.3	6.1
20GHz	428.9	1406.8	4.3
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius			
(inch)	0.125		
(mm)	3.18		
Weight			
(g/Ft)	2.04		
(g/M)	6.7		

This part number complies with RoHS.

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