

Low Impedance Semi-Rigid Cable	.034CU-C-P-17		
DIMENSIONS			
Center Conductor Diameter (inch) (mm)	0.0159±0.0005 0.4± 0.0127		
Dielectric Diameter (inch) (mm)	0.025 ±0.001 0.64 ±0.0254		
Outer Conductor Diameter (inch) (mm)	0.034±0.001 0.86 ±0.0254		
MATERIAL SPECIFICATIONS			
Outer Conductor	Bare Copper		
Dielectric	PTFE		
Center Conductor	SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	17±1		
Capacitance (Nominal) (pF/ft) (pF/m)	85.4 280.0		
Corona Extinction Voltage (VRMS 60Hz)	200		
Voltage Withstanding (VRMS 60Hz)	500		
Cut off Frequency (GHz)	128		
Typical Attenuation Average Power (Watts CW) at 20°C and Sea Level	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
0.5GHz	61.9	203	27
1GHz	87.8	288	19
5GHz	198.7	651.7	8.4
10GHz	283.4	929.6	5.9
20GHz	405.7	1330.7	4.1
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	100		
Min. Inside Bend Radius (inch) (mm)	0.125 3.18		
Weight (g/Ft) (g/M)	1.37 4.5		

This part number complies with RoHS.

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