

RG TYPE COAXIAL CABLE	RG178-FEP		
<b>DIMENSIONS</b>			
Center Conductor Diameter			
(inch)	0.012		
(mm)	0.3		
Dielectric Diameter			
(inch)	0.033		
(mm)	0.838		
Braid Diameter			
(inch)	0.051		
(mm)	1.3		
Jacket			
(inch)	0.071		
(mm)	1.8		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	FEP		
Braid	SPC (Single Braid)		
Dielectric	FEP		
Center Conductor	7/38 SPC		
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance	50ohm		
Capacitance (Nominal)			
(pF/ft)	32		
(pF/m)	105		
Velocity of Propagation (%)	69.5		
Maximum Working Voltage	750		
Max. Cond. Resistance			
(Ohms/100Ft)	24.5		
(Ohms/100m)	80.2		
Corona Extinction Voltage			
(K VRMS)	1		
Min. Dielectric Strength			
(KV RMS)	2		
Typical Attenuation At 20°C	Attenuation		Power
Average Power (Watts At 20°C)	dB/ 100Ft	dB/ 100M	
100MHz	16	52.5	190
400MHz	33	108.2	90
1GHZ	52	170.6	55
2.4GHz	82.3	269.9	35
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)	-55/+200		
Min. Bend Radius			
(inch)	0.4		
(mm)	10.2		
Weight			
(g/Ft)	2.5		
(g/M)	8.2		

**This part number complies with RoHS.**

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