

RG TYPE COAXIAL CABLE	RG316-FEP		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.02		
(mm)	0.51		
Dielectric Diameter			
(inch)	0.06		
(mm)	1.52		
Braid Diameter			
(inch)	0.078		
(mm)	1.98		
Jacket			
(inch)	0.098		
(mm)	2.49		
MATERIAL SPECIFICATIONS			
Jacket	FEP		
Braid	SPC (Single Braid)		
Dielectric	FEP		
Center Conductor	7/0067 SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	50 Ohm		
Capacitance (Nominal)			
(pF/ft)	32		
(pF/m)	105		
Velocity of Propagation (%)	69.5		
Maximum Working Voltage	900		
Max. Cond. Resistance			
(Ohms/100Ft)	8.41		
(Ohms/100m)	27.6		
Corona Extinction Voltage			
(K VRMS)	1.2		
Min. Dielectric Strength			
(KV RMS)	2		
Typical Attenuation At 20°C	Attenuation		Power
Average Power (Watts At 20°C)	dB/ 100Ft	dB/ 100M	
100MHz	8.5	28	430
400MHz	18.3	60	210
1GHZ	30.5	100	140
2.4GHZ	48.8	160	80
5GHz	67	220	55
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-55/+200		
Min. Bend Radius			
(inch)	0.5		
(mm)	12.7		
Weight			
(g/Ft)	4.5		
(g/M)	15		

This part number complies with RoHS.

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