

RG TYPE COAXIAL CABLE	RG316		
<b>DIMENSIONS</b>			
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		
<b>MATERIAL SPECIFICATIONS</b>			
Jacket	FEP		
Braid	SPC (Single Braid)		
Dielectric	PTFE		
Center Conductor	7/0067 SPCW		
<b>ELECTRICAL CHARACTERISTICS</b>			
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
<b>MECHANICAL CHARACTERISTICS</b>			
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.