

RG TYPE COAXIAL CABLE	RD316		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.02		
(mm)	0.51		
Dielectric Diameter			
(inch)	0.06		
(mm)	1.52		
Braid Diameter			
(inch)	0.096		
(mm)	2.44		
Jacket			
(inch)	0.114		
(mm)	2.9		
MATERIAL SPECIFICATIONS			
Jacket	FEP		
Braid	SPC (Double Braid)		
Dielectric	PTFE		
Center Conductor	7/0067 SPCW		
ELECTRICAL CHARACTERISTICS			
Impedance	50 Ohm		
Capacitance (Nominal)			
(pF/ft)	32		
(pF/m)	105		
Velocity of Propagation (%)	69.5		
Maximum Working Voltage	1100		
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)	0.6		
(mm)	15.3		
Weight			
(g/Ft)	7		
(g/M)	23		

This part number complies with RoHS.

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