

RG TYPE COAXIAL CABLE	RG174		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.0189		
(mm)	0.48		
Dielectric Diameter			
(inch)	0.06		
(mm)	1.52		
Braid Diameter			
(inch)	0.078		
(mm)	1.98		
Jacket			
(inch)	0.11		
(mm)	2.79		
MATERIAL SPECIFICATIONS			
Jacket	PVC		
Braid	TPC (Single Braid)		
Dielectric	PE		
Center Conductor	7/0063 CW Wire		
ELECTRICAL CHARACTERISTICS			
Impedance	50ohm		
Capacitance (Nominal)			
(pF/ft)	30.5		
(pF/m)	100		
Velocity of Propagation (%)	65.9		
Maximum Working Voltage	1100		
Max. Cond. Resistance			
(Ohms/100Ft)	9.670		
(Ohms/100m)	31.72		
Corona Extinction Voltage			
(K VRMS)	1.5		
Min. Dielectric Strength			
(KV RMS)	2.0		
Max. Attenuation (dB/100Ft)	Attenuation		Power
Max Power (Watts)	dB/ 100Ft	dB/ 100M	
100MHz	8.6	28	140
400MHz	17.7	58	65
1GHz	29	95	40
2.4GHz	48.7	160	28
5GHz	70.1	230	18
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40/+80		
Min. Bend Radius			
(inch)	0.48		
(mm)	12.2		
Weight			
(g/Ft)	3.5		
(g/M)	11.5		

This part number complies with RoHS.

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