

RG TYPE COAXIAL CABLE	RG214		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.089		
(mm)	2.25		
Dielectric Diameter			
(inch)	0.285		
(mm)	7.24		
Braid Diameter			
(inch)	0.34		
(mm)	8.64		
Jacket			
(inch)	0.425		
(mm)	10.8		
MATERIAL SPECIFICATIONS			
Jacket	PVC		
Braid	SPC (Double Braid)		
Dielectric	PE		
Center Conductor	7/0296 SPC		
ELECTRICAL CHARACTERISTICS			
Impedance	50ohm		
Capacitance (Nominal)			
(pF/ft)	30.5		
(pF/m)	100		
Velocity of Propagation (%)	65.9		
Maximum Working Voltage	3700		
Max. Cond. Resistance			
(Ohms/100Ft)	0.173		
(Ohms/100m)	0.570		
Corona Extinction Voltage			
(K VRMS)	5		
Min. Dielectric Strength			
(KV RMS)	10		
Typical Attenuation At 20°C	Attenuation		Power
Average Power (Watts At 20°C)	dB/ 100Ft	dB/ 100M	
100MHz	1.9	6.1	1700
400MHz	4.3	14	700
1GHZ	7.9	26	400
2.4GHz	15.2	50	180
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40/+80		
Min. Bend Radius			
(inch)	2		
(mm)	50.8		
Weight			
(g/Ft)	56.5		
(g/M)	186		

This part number complies with RoHS.

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