

RG TYPE COAXIAL CABLE	RG59B/U		
DIMENSIONS			
Center Conductor Diameter (inch)	0.0226		
(mm)	0.58		
Dielectric Diameter (inch)	0.146		
(mm)	3.71		
Braid Diameter (inch)	0.174		
(mm)	4.42		
Jacket (inch)	0.242		
(mm)	6.15		
MATERIAL SPECIFICATIONS			
Jacket	PVC		
Braid	Bare Copper (Single Braid)		
Dielectric	PE		
Center Conductor	Copper Covered Steel Wire		
ELECTRICAL CHARACTERISTICS			
Impedance	75ohm		
Capacitance (Nominal) (pF/ft)	19.5		
(pF/m)	64		
Velocity of Propagation (%)	65.9		
Maximum Working Voltage	1700		
Max. Cond. Resistance (Ohms/100Ft)	4.80		
(Ohms/100m)	15.74		
Corona Extinction Voltage (K VRMS)	2.3		
Min. Dielectric Strength (KV RMS)	7.0		
Typical Attenuation At 20°C Average Power (Watts At 20°C)	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
100MHz	4	13	500
400MHz	8	26.2	250
1GHz	14	45.9	150
2.4GHz	22	72.2	80
5GHz	34	111.5	52
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40/+80		
Min. Bend Radius (inch)	1		
(mm)	25.4		
Weight (g/Ft)	16		
(g/M)	53		

This part number complies with RoHS.

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