

The RG6 Series coaxial cable has the feature of light weight, good flexibility, high temperature resistance, moisture resistance, corrosion resistance.

Main Features

- Compliant with MIL-C-17 standard
- Light weight, good flexibility, high temperature resistance
- Moisture resistance, corrosion resistance, good electrical and mechanical properties
- Good shielding and low attenuation

Application

- Communications, electronic countermeasures
- Military navigation, radar, aviation
- Electronic equipment to transmit RF signals



Specification

Item	Material	Diameter (mm)
Inner Conductor	bare copper stranded wire	1.02 ± 0.05
Insulation	Foam PE	4.57 ± 0.1
Shield	Self-adhesive aluminum box	4.67 ± 0.03
Outer conductor	Tinned Copper Wire Braid	4.75 ± 0.05
Shield	Tin foil	4.85 ± 0.05
Outer conductor	Tinned Copper Wire Braid	5.10 ± 0.05
Jacket	PE or PVC	7.40 ± 0.5
Impedance (Ω)	75 ± 3	
Capacitance (pF/m)	54	
Velocity of propagation	85%	
Installation Temp (°C)	-20 ~ 60	
Operating Temp (°C)	-25 ~ 70	
Screening Effectiveness (dBc)	>80	
Frequency (MHz)	Attenuation (dB/100m)	
100	6.50	
200	9.20	
400	13.60	

700	18.40	
900	20.30	
1000	21.40	
1450	26.20	
1800	27.90	
2100	31.10	
2250	34.00	
3000	37.50	