

The RG8 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	1.63 ± 0.05
Insulation	Foam PE	7.11 ± 0.1
Shield	Self-adhesive aluminum box	7.21 ± 0.03
Outer conductor	Tinned Copper Wire Braid	7.60 ± 0.05
Jacket	PE or PVC	10.3 ± 0.5
Impedance (Ω)	75 ± 3	
Capacitance (pF/m)	54	
Velocity of propagayion	85%	
Installation Temp ($^{\circ}\text{C}$)	-20 ~ 60	
Operating Temp ($^{\circ}\text{C}$)	-25 ~ 70	
Screening Effectiveness (dBc)	>80	
Frequency (MHz)	Attenuation (dB/100m)	
5	1.25	
55	3.15	
187	5.74	
250	6.72	
300	7.38	



400	8.53	
450	9.02	
500	9.51	
550	9.97	
600	10.43	
750	11.97	
865	13.05	
1000	14.27	