

The RG11CCS 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	3.5 ± 0.1
Insulation	Foam PE	10.0 ± 0.1
Shield	Self-adhesive aluminum box	10.2 ± 0.03
Outer conductor	Tinned Copper Wire Braid	10.8 ± 0.05
Jacket	PE or PVC	13.0 ± 0.5
Impedance (Ω)	50 ± 3	
Capacitance (pF/m)	84	
Velocity of propagation	85%	
Installation Temp ($^{\circ}\text{C}$)	-20 ~ 60	
Operating Temp ($^{\circ}\text{C}$)	-25 ~ 70	
Screening Effectiveness (dBc)	>80	
Frequency (MHz)	Attenuation (dB/100m)	
30	6.88	
50	8.20	
150	13.77	
220	16.72	
450	24.26	

900	35.08	
1500	46.88	
1800	51.80	
2000	55.08	
2500	62.95	
3000	70.16	