

**RG SERIES  
MIL-C-17**

RG series MIL-C-17 cable originally created to support WWII military application. These cable quickly became the products of choice for commercial wireless applications once they hit the surplus market, such as microwave systems, military aerospace, military ground-based communication systems...

# RG-6 Coaxial Cable

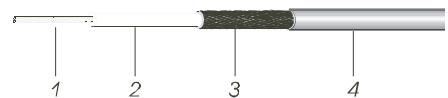


## KEY FEATURES

- Meet all MIL-C-17 requirements
- Good shielding effectiveness
- Low passive intermod (PIM)
- Readily available in distribution

## Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Copper Clad Steel	1,02
2. Dielectric	Physical Foam Polyethylene	4,57
3. Outer Conductor	Bonded Aluminum Foil +Aluminum Braid	5,22
4. Jacket	PVC or PE	7,07



## Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
5	1,95
50	4,79
100	6,40
200	8,96
550	15,85
750	18,87
800	19,80
1.000	21,50

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

**Capacitance:** 52 pF/m  
**Impedance:** 75 ohm  
**Velocity:** 85%

### MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

**Shielding Effectiveness:** 90 db  
**Max. Operating Voltage:** 3.000 VMS  
**Operating Temp:** -20 – 80°C/ -40 – 80°C  
 VSWR ≤ (Return loss ≥ dB)  
 VHF: 1,2 (20)  
 UHF: 1,2 (20)

PART NO.	DESCRIPTION
39006000	RG-6 Coaxial Cable