

## 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-11 Coaxial Cable

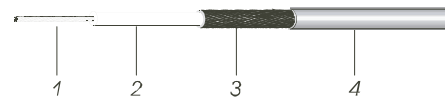


## KEY FEATURES

- 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	Bare Copper	1,63
2. Dielectric	Physical Foam Polyethylene	7,11
3. Outer Conductor	Bonded Aluminum Foil +Aluminum Braid	7,81
4. Jacket	PVC or PE	10,03



## Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
5	1,20
50	3,02
100	4,32
200	6,05
550	10,40
750	12,40
800	12,95
1.000	14,70

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

**Capacitance:** 52 pF/m

**Impedance:** 75 ohm

**Velocity:** 85%

### MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

**Shielding Effectiveness:** 90 db

**Max. Operating Voltage:** 4.000 VMS

**Operating Temp:** -20 – 80°C/ -40 – 80°C

VSWR ≤ (Return loss ≥ dB)

VHF: 1,2 (20)

UHF: 1,2 (20)

PART NO.	DESCRIPTION
39011000	RG-11 Coaxial Cable