

**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-178 FEP Coaxial Cable

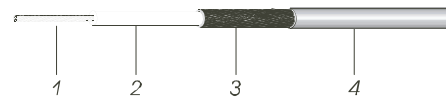


## KEY FEATURES

- 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	Silver Plated Copper Clad Steel	7x0,102
2. Dielectric	FEP	0,86
3. Outer Conductor	Silver Plated Copper Braid	1,30
4. Jacket	FEP	1,83



## Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
100	45,3
400	91,2
1.000	145
3.000	265

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

**Capacitance:** 96,45 pF/m  
**Impedance:** 50 ohm  
**Velocity:** 70%

### MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

**Bending Radius:** 10 mm  
**Max. Operating Voltage:** 1.000 VMS  
**Max. Operating Frequency:** 3.000 MHz  
**Operating Temp:** -55 – 150°C

PART NO.	DESCRIPTION
39017800	RG-178 FEP Coaxial Cable