

## 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-142 Coaxial Cable

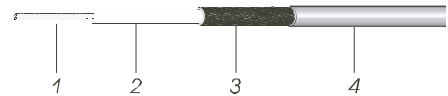


## KEY FEATURES

- 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	0,94
2. Dielectric	PTFE	2,95
3. Outer Conductor	Silver Plated Copper Braid	3,95
4. Jacket	FEP	4,95



## Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
100	12,5
400	25,6
1.000	42,0
3.000	78,1
5.000	105,0

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

Capacitance: 96,45 pF/m

Impedance: 50 ohm

Velocity: 70%

### MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Bending Radius: 25 mm

Max. Operating Voltage: 1.900 VMS

Max. Operating Frequency: 8.000 MHz

Operating Temp: -55 – 200°C

PART NO.	DESCRIPTION
39014200	RG-142 Coaxial Cable