



Datasheet  
**Stock No: 5217950**

ENGLISH

## Coaxial Cable RG179



A coaxial communication cable based on MIL-C-17.

Inner conductor	Silver plated copper clad steel
Dielectric	Solid PE
Braid	Tinned Copper
Sheath	PVC according to European Standard HD 624

### EN 50289.

#### Mechanical characteristics

Inner conductor. 7 x 0.1 mm Diameter: 0.3 mm  $\pm$  0.02 mm

Dielectric: Diameter: 1.6 mm  $\pm$  0.15 mm

Outer conductor: Diameter screen: 2.0 mm  $\pm$  0.15 mm

Coverage braid: 85 %  $\pm$  4 %

Sheath: Diameter: 2.8 mm  $\pm$  0.1 mm

Storage/operating temperature: -25°C to +70°C

Minimum installation temperature: -5 °C



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A coaxial communication cable based on MIL-C-17.

Mean characteristic impedance:  $75 \pm 3 \text{ W}$

Regularity of impedance:  $> 40 \text{ dB}$

DC resistance inner conductor:  $\leq 802 \text{ Ohm/km}$

Capacitance:  $67 \text{ pF/m} \pm 3 \text{ pF/m}$

Nominal velocity of propagation:  $66 \%$

Voltage Rating

DC:  $2.0 \text{ kVdc}$

RMS  $1.0 \text{ kVrms}$

Nominal Attenuation:

10 MHz:  $15 \text{ dB/100m}$

100 MHz:  $27 \text{ dB/100m}$

1000 MHz:  $85 \text{ dB/100m}$