



## RG 214 Mil-C-17

Coaxial Cable 50 Ohm bas. on Mil-C-17

Image representative of cable family. Actual cable may vary.

### CPR certified

Based on Mil-C-17

RF communication systems

### STANDARDS AND CERTIFICATES

Standards	EN50117-1:2019, EN 50575
CPR Class	Fca
DOP	1002646
ROHS II	complies

### CONSTRUCTION

Inner conductor	7x $\Phi$ 0,75mm silver coated copper strand
Insulation	$\Phi$ 7,25mm solid PE
Outer conductor	silver coated copper braid + 2 <sup>nd</sup> silver coated copper braid
Outer Sheath	$\Phi$ 10,80mm PVC black

### ELECTRICAL CHARACTERISTICS

Impedance	50 +/-2 Ohm
Nom.Capacitance	100 pF/m
Velocity ratio (V/C)	0,66
Sheath spark test	5 KV
DC resistance	
Inner/Outer conductor	6,0/3,5 Ohm/km
Nom.Attenuation (dB/100m)	
100 MHz	6,80
400 MHz	14,00
800 MHz	22,00
2150 MHz	41,50

### MECHANICAL CHARACTERISTICS

Minimum bending radius	
Single/Repeated bending	50/100 mm
Maximum tensile force	400 N
Standard packaging	5x100m, 1x500m

**!** Cable is not intended for direct connection to the mains electricity supply.

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