

RG 58C/U

50 Ohm coaxial cable acc. to Mil-C-17
PVC /HFFR sheath versions available



1. CONSTRUCTION

Inner Conductor	19 x Φ 0,18mm Tinned copper strand
Insulation	Φ 2,95mm Solid PE
Outer Conductor	Tinned copper braid 94% coverage
Outer Sheath	Φ 5,00mm PVC black (Also available with HFFR sheath)

2. ELECTRICAL CHARACTERISTICS

Impedance	50 +/-2 Ohm
Capacitance	100 pF/m
Velocity ratio (v/c)	0,66
Sheath Spark Test	4 KV
Transfer Impedance	
Screening Attenuation	
Screening Class	

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2. ELECTRICAL CHARACTERISTICS (cont.)

DC Resistance	
inner conductor	38,0 Ohm/km
outer conductor	15,0 Ohm/km
Structural Return Loss	
5 - 30 MHz	>20 dB
30 - 470 MHz	>20 dB
470 - 1000 MHz	>18 dB
Nom.Attenuation (dB/100m)	
100 MHz	15,00
400 MHz	34,00
800 MHz	51,50
1000 MHz	60,00

3. MECHANICAL CHARACTERISTICS

Minimum Bending Radius	
for one bend	25 mm
for repeated bending	50 mm
Maximum Tensile Force	90 N

4. OTHER DATA

Operating Temperature	-40°C to +85°C
Standards	Mil-C-17
CPR Class	Fca
DOP	1002595
Standard Packing	