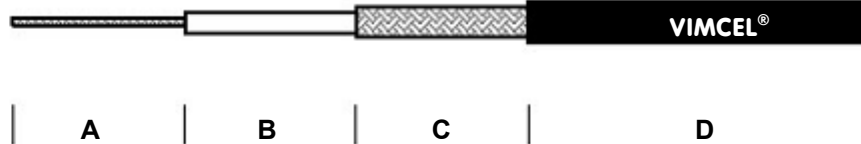


GENERAL TECHNICAL DATA :

# RG 58 C/U

50 Ohm RF coaxial cable  
manufactured in compliance  
with the MIL-C-17  
standards.

**CS** 19 x 0,18 mm    **PE** ø 2,95 mm    **CS** ø 3,50 mm    **PVC2** ø 5,00 mm



**MECHANICAL DATA**

**DIMENSIONS**

<b>A</b>	Tinned copper inner conductor	<b>CS</b>	19 x 0,18 mm
<b>B</b>	Low density polyethylene dielectric	<b>PE</b>	ø 2,95 ± 0,10 mm
<b>C</b>	Tinned copper outer conductor Percentage coverage	<b>CS</b>	112 x 0,13 mm 95%
<b>D</b>	Non-contaminating polyvinyl-chloride sheath Sheath's colour : <b>BLACK</b> OhmSheath's printing : VIMCEL MIL-C-17 RG 58 C/U 50	<b>PVC2</b>	ø 5,00 ± 0,10 mm

Copper weight 18,7 Kg/Km  
Cable weight 39,9 Kg/Km

**ELECTRICAL PERFORMANCE**

**ATTENUATION dB/100 m**

Impedance 50 ± 2 Ohm  
Capacitance 100 pF/m  
Velocity ratio 66%

50 MHz 9,7  
100 MHz 13,9  
200 MHz 20,4  
400 MHz 30,0  
500 MHz 34,2  
600 MHz 37,9  
860 MHz 46,9  
1000 MHz 51,8

**SCREENING EFFECTIVENESS dB**

100-900 MHz >55  
.....-..... MHz

Inner conductor resistance 37,5 Ohm/Km  
Outer conductor resistance 16,5 Ohm/Km

**STRUCTURAL RETURN LOSS dB**

Temperature range -30 °C / +70 °C

30-300 MHz >27  
300-600 MHz >23  
600-900 MHz >22

The producer reserves himself to make modification on the item without any notice