

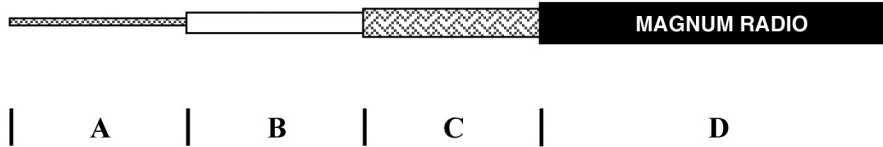
# MAGNUM

## GENERAL TECHNICAL DATA :

# RG 058 CU

50 Ohm RF coaxial cable.

CS	PE	CS	PVC2
19 x 0,1 mm	ø 2,95 mm	ø 3,40 mm	ø 5,00 mm



### MECHANICAL DATA

### DIMENSIONS

A	Tinned copper inner conductor	CS	19 x 0,18 mm
B	Low density polyethylene dielectric	PE	ø 2,95 ± 0,10 mm
C	Tinned copper outer conductor Percentage coverage	CS	140 x 0,10 mm 93%
D	Non-contaminating polyvinyl-chloride sheath Sheath's colour : <b>BLACK</b> Sheath's printing : <b>MAGNUM RADIO MIL-C-17F RG 58 C/U 50 Ohm</b>	PVC2	ø 5,00 ± 0,10 mm

Copper weight	14,9 Kg/Km
Cable weight	37,1 Kg/Km

### ELECTRICAL PERFORMANCE

### ATTENUATION dB/100 m

Impedance	50 ± 3 Ohm
Capacitance	100 pF/m
Velocity ratio	66%

50 MHz	9,7
100 MHz	13,9
200 MHz	20,4
400 MHz	30
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	17 Ohm/Km

### STRUCTURAL RETURN LOSS dB

Temperature range	-30 °C / +70 °C
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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.