



CELPHONE
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GENERAL TECHNICAL DATA :

RG 58 FRNC

Double screened 50 Ohm
RF coaxial MIL-C-17 cable.
Flame resistance,
underground laying and
halogen free.

CS **PE** **LTD** **CS** **GN**
% x 0, % mm ø &,-) mm ø 3,) 0 mm ø (,- 0 mm



A

B

C

D

E

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	Aluminium + polyester + aluminium tape shield Percentage coverage	LTD	100%
D	Tinned copper outer conductor Percentage coverage	CS	112 x 0,13 mm 90%
E	Non-corrosive thermoplastic free of halogens sheath Sheath's colour : Sheath's printing :	GN BLACK RG58FRNC	ø 4,90 ± 0,15 mm

Cable weight 38,0 Kg/Km

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ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

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

50 MHz 10,5
100 MHz
400 MHz 32
600 MHz
860 MHz
1000 MHz 60

SCREENING EFFECTIVENESS dB

100-900 MHz >75
.....-..... MHz 40 Ohm/Km
 16.5 Ohm/Km

Inner conductor resistance
Outer conductor resistance

Temperature range -15 °C / +70 °C