



TOP ELECTRONIC COMPONENTS A.E.

ΑΛΚΜΗΝΗΣ 66 & ΑΡΙΣΤΟΒΟΥΛΟΥ 66
 Τ.Κ. 118 53 - Κ.ΠΕΤΡΑΛΩΝΑ - ΑΘΗΝΑ
 ΤΗΛ: 210 - 3428690(10 ΓΡΑΜΜΕΣ)
 ΦΑΞ: 210 - 3428691 / 2
 www.topelcom.gr

GENERAL TECHNICAL DATA :

RG 058 CU

50 Ohm RF coaxial cable.

CS	PE	CS	PVC2
19 x 0,18 mm	± 2,95 mm	± 3,40 mm	± 5,00 mm



A	B	C	D
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MECHANICAL DATA

DIMENSIONS

A	Tinned copper inner conductor	CS	19 x 0,18 mm
B	Low density polyethylene dielectric	PE	± 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 : BLACK Sheath's printing :	PVC2	± 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	86%

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	>35
..... 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.