



TOP ELECTRONIC COMPONENTS A.E.

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



GENERAL TECHNICAL DATA :
RF 58 LTA

Double screened 50 Ohm RF coaxial cable.

CU+PE
 ø 1,80 mm

PEG+PE
 ø 2,95 mm

LTA

CS
 ø 3,65 mm

PVC
 ø 5,00 mm



A

B

C

D

E

MECHANICAL DATA

DIMENSIONS

A	Plain copper inner conductor + carbon black polyethylene	CU+PE	ø 1,80 mm
B	Gas injected foam polyethylene dielectric+carbon black polyethylene	PEG+PE	ø 2,95 ± 0,10 mm
C	Aluminium+polyester+aluminium tape shield Percentage coverage	LTA	100%
D	Tinned copper outer conductor Percentage coverage	CS	64 x 0,15 mm 73%
E	Polyvinyl-chloride sheath Sheath's colour : WHITE - RAL 9003 Sheath's printing :	PVC	ø 5,00 ± 0,10 mm

Copper weight 17,8 Kg/Km
 Cable weight 35,4 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

Impedance 50 ± 3 Ohm
 Capacitance 80 pF/m
 Velocity ratio 88%

50 MHz 7,3
 100 MHz 9,8
 400 MHz 19,7
 600 MHz 24,9
 860 MHz 30,1
 1000 MHz 32,7
 1750 MHz 45,8
 2400 MHz 55,8

SCREENING EFFECTIVENESS dB

100-900 MHz >80
 MHz

Inner conductor resistance 22,5 Ohm/Km
 Outer conductor resistance 20,5 Ohm/Km

STRUCTURAL RETURN LOSS dB

Temperature range -30 °C / +70 °C

30-300 MHz >30
 300-600 MHz >26
 600-2400 MHz >20

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