



TOP ELECTRONIC COMPONENTS S.A.

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GENERAL TECHNICAL DATA :

RF 400 LTA

Double screened 50 Ohm RF coaxial cable. Underground laying.

CU	PEG	LTA	CS	Pet	PE
ø 1,62 mm	ø 7,20 mm		ø 7,90 mm	h. 27 mm	ø 10,30 mm



A | B | C | D | E | F

MECHANICAL DATA

DIMENSIONS

A	Plain copper inner conductor	CU	ø 1,62 mm
B	Gas injected foam polyethylene dielectric	PEG	ø 7,20 ± 0,10 mm
C	Aluminium+polyester+aluminium tape shield Percentage coverage	LTA	100%
D	Tinned copper outer conductor Percentage coverage	CS	128 x 0,15 mm 70%
E	Non-migrating tape	Pet	h. 27 mm
F	Carbon black polyethylene sheath Sheath's colour : BLACK Sheath's printing :	PE	ø 10,30 ± 0,10 mm

Copper weight 71 Kg/Km
Cable weight 122,1 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

Impedance	50 ± 3 Ohm
Capacitance	30 pF/m
Velocity ratio	84%

50 MHz	2,5
100 MHz	3,6
400 MHz	7,9
600 MHz	10
860 MHz	12,1
1000 MHz	13,2
1750 MHz	18,7
2400 MHz	22,2

SCREENING EFFECTIVENESS dB

100-200 MHz	>85
..... MHz	
Inner conductor resistance	3,2 Ohm/Km
Outer conductor resistance	7,5 Ohm/Km

STRUCTURAL RETURN LOSS dB

30-300 MHz	>20
300-600 MHz	>26
600-2400 MHz	>24

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