

CA PE CA CA PVC2
 ø 0,90 mm ø 2,95 mm ø 3,50 mm ø 4,00 mm ø 5,40 mm



A

B

C

D

E

MECHANICAL DATA

DIMENSIONS

A	Silvered copper inner conductor	CA	ø 0,90 ± 0,025 mm
B	Low density polyethylene dielectric	PE	ø 2,95 ± 0,10 mm
C	Silvered copper outer conductor Percentage coverage	CA	112 x 0,13 mm 98%
D	Silvered copper outer conductor Percentage coverage	CA	112 x 0,13 mm 97%
E	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK OhmSheath's printing : VIMCEL MIL-C-17 RG 223 U 50	PVC2	ø 5,40 ± 0,10 mm

Copper weight 38,5 Kg/Km
 Cable weight 59,9 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

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

50 MHz 9,3
 100 MHz 13,5
 200 MHz 19,7
 500 MHz 32,8
 1000 MHz 49,0
 2000 MHz 79,6
 3000 MHz 96,3

SCREENING EFFECTIVENESS dB

100-900 MHz >70
-..... MHz

Inner conductor resistance 28 Ohm/Km
 Outer conductor resistance 8 Ohm/Km

STRUCTURAL RETURN LOSS dB

Temperature range -30 °C / +70 °C

30-300 MHz >32
 300-600 MHz >28
 600-900 MHz >23

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

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