



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

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

SCREENING EFFECTIVENESS dB

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

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

Temperature range -30 °C / +70 °C

ATTENUATION dB/100 m

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

STRUCTURAL RETURN LOSS dB

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