



MECHANICAL DATA

DIMENSIONS

A	Plain copper inner conductor	CU	7 x 0,75 mm
B	Low density polyethylene dielectric	PE	ø 7,25 ± 0,18 mm
C	Plain copper outer conductor Percentage coverage	CU	192 x 0,18 mm 97%
D	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK OhmSheath's printing : VIMCEL MIL-C-17 RG 213 U 50	PVC2	ø 10,3 ± 0,18 mm

Copper weight 76,9 Kg/Km
Cable weight 163 Kg/Km

ELECTRICAL PERFORMANCE

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

SCREENING EFFECTIVENESS dB

100-900 MHz >55
.....-..... MHz

Inner conductor resistance 6,0 Ohm/Km
Outer conductor resistance 4,5 Ohm/Km

Temperature range -30 °C / +70 °C

ATTENUATION dB/100 m

50 MHz 4
100 MHz 6
200 MHz 9
300 MHz 12
450 MHz 16
500 MHz 17
800 MHz 23
900 MHz 25
1000 MHz 27
1800 MHz 29
2000 MHz 31

STRUCTURAL RETURN LOSS dB

30-300 MHz >30
300-600 MHz >27
600-900 MHz >25