



MECHANICAL DATA

DIMENSIONS

A	Tinned copper inner conductor	CS	19 x 0,18 mm
B	Low density polyethylene dielectric	PE	ø 2,95 ± 0,10 mm
C	Tinned copper outer conductor Percentage coverage	CS	112 x 0,13 mm 95%
D	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK OhmSheath's printing : VIMCEL MIL-C-17 RG 58 C/U 50	PVC2	ø 5,00 ± 0,10 mm

Copper weight	18,7 Kg/Km
Cable weight	39,9 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	37,5 Ohm/Km
Outer conductor resistance	16,5 Ohm/Km

Temperature range	-30 °C / +70 °C
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ATTENUATION dB/100 m

50 MHz	9,7
100 MHz	13,9
200 MHz	20,4
400 MHz	30,0
500 MHz	34,2
600 MHz	37,9
860 MHz	46,9
1000 MHz	51,8

STRUCTURAL RETURN LOSS dB

30-300 MHz	>27
300-600 MHz	>23
600-900 MHz	>22