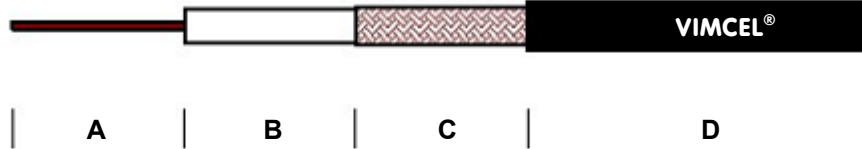


CW ø 0,58 mm	PE ø 3,70 mm	CU ø 4,30 mm	PVC2 ø 6,20 mm
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MECHANICAL DATA

DIMENSIONS

A	Copperweld inner conductor	CW	ø 0,58 ± 0,025 mm
B	Low density polyethylene dielectric	PE	ø 3,70 ± 0,10 mm
C	Plain copper outer conductor Percentage coverage	CU	120 x 0,15 mm 95%
D	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK OhmSheath's printing : VIMCEL MIL-C-17 RG 59 B/U 75	PVC2	ø 6,20 ± 0,10 mm

Copper weight	22,4 Kg/Km
Cable weight	55,8 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

Impedance	75 ± 3 Ohm
Capacitance	67 pF/m
Velocity ratio	66%

50 MHz	7,4
100 MHz	10,7
200 MHz	15,7
400 MHz	22,7
500 MHz	25,7
600 MHz	28,7
860 MHz	34,8
1000 MHz	38,0

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance	158 Ohm/Km
Outer conductor resistance	9 Ohm/km

STRUCTURAL RETURN LOSS dB

Temperature range	-30 °C / +70 °C
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30-300 MHz	>31
300-600 MHz	>28
600-900 MHz	>24

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

September 2007