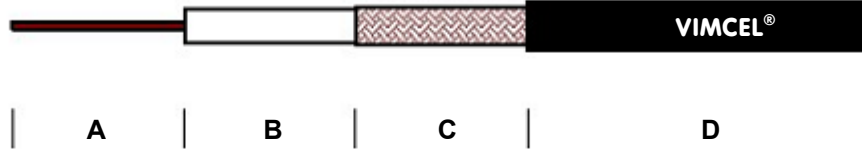


CW **PE** **CU** **PVC2**
 \varnothing 0,58 mm \varnothing 3,70 mm \varnothing 4,30 mm \varnothing 6,20 mm



MECHANICAL DATA

DIMENSIONS

A	Copperweld inner conductor	CW	\varnothing 0,58 ± 0,025 mm
B	Low density polyethylene dielectric	PE	\varnothing 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	\varnothing 6,20 ± 0,10 mm

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

ELECTRICAL PERFORMANCE

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

SCREENING EFFECTIVENESS dB

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

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

Temperature range -30 °C / +70 °C

ATTENUATION dB/100 m

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

STRUCTURAL RETURN LOSS dB

30-300 MHz >31
300-600 MHz >28
600-900 MHz >24