

CW 7 x 0,15 mm **PE** ø 1,50 mm **CS** ø 1,90 mm **PVC2** ø 2,55 mm



| **A** | **B** | **C** | **D** |

MECHANICAL DATA

DIMENSIONS

A	Copperweld inner conductor	CW	7 x 0,16 mm
B	Low density polyethylene dielectric	PE	ø 1,50 ± 0,08 mm
C	Tinned copper outer conductor Percentage coverage	CS	64 x 0,10 mm 88%
D	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK OhmSheath's printing : VIMCEL MIL-C-17 RG 174 C/U 50	PVC2	ø 2,55 ± 0,13 mm

Copper weight 5,9 Kg/Km
Cable weight 12,5 Kg/Km

ELECTRICAL PERFORMANCE

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

SCREENING EFFECTIVENESS dB

100-900 MHz >50
.....-..... MHz

Inner conductor resistance 290 Ohm/Km
Outer conductor resistance 39 Ohm/Km

Temperature range -30 °C / +70 °C

ATTENUATION dB/100 m

50 MHz 21,60
100 MHz 30,90
200 MHz 44,40
300 MHz 53,00
450 MHz 60,00
500 MHz 72,30
800 MHz 84,00
900 MHz 90,00
1000 MHz 105,50

STRUCTURAL RETURN LOSS dB

30-300 MHz >25
300-600 MHz >23
600-900 MHz >20

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