

CS 19 x 0,18 mm PE ø 2,95 mm CS ø 3,50 mm PVC2 ø 5,00 mm



| A | B | C | D |

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

ATTENUATION dB/100 m

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

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

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance 37,5 Ohm/Km
Outer conductor resistance 16,5 Ohm/Km

STRUCTURAL RETURN LOSS dB

Temperature range -30 °C / +70 °C

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

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

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