

Super Low Loss

CU 7 x 0,50 mm PEE ø 3,80 mm CU ø 4,30 mm PVC ø 5,40 mm



| A | B | C | D |

MECHANICAL DATA

DIMENSIONS

A	Plain copper inner conductor	CU	7 x 0,50 mm
B	Foam polyethylene dielectric	PEE	ø 3,80 ± 0,10 mm
C	Plain copper outer conductor Percentage coverage	CU	144 x 0,12 mm 94%
D	Polyvinyl-chloride sheath Sheath's colour : BLACK Sheath's printing : VIMCEL Super Low Loss 50	PVC	ø 5,40 ± 0,10 mm

Copper weight 28 Kg/Km
Cable weight 45,9 Kg/Km

ELECTRICAL PERFORMANCE

Impedance 50 ± 3 Ohm
Capacitance 80 pF/m
Velocity ratio 80%

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance 14 Ohm/Km
Outer conductor resistance 11 Ohm/Km

Temperature range -30 °C / +70 °C

ATTENUATION dB/100 m

50 MHz 7,0
100 MHz 10,2
400 MHz 21,2
600 MHz 26,3
860 MHz 32,2
1000 MHz 35,0
1750 MHz 48,0
2400 MHz 58,2

STRUCTURAL RETURN LOSS dB

30-300 MHz >30
300-600 MHz >27
600-2400 MHz >22

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

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