



**MECHANICAL DATA**

**DIMENSIONS**

<b>A</b>	Plain copper inner conductor	<b>CU</b>	ø 2,62 mm
<b>B</b>	Gas injected foam polyethylene dielectric	<b>PEG</b>	ø 7,20 ± 0,10 mm
<b>C</b>	Aluminium+polyester+aluminium tape shield Percentage coverage	<b>LTA</b>	100%
<b>D</b>	Tinned copper outer conductor Percentage coverage	<b>CS</b>	128 x 0,15 mm 70%
<b>E</b>	Non-migrating tape	<b>Pet</b>	h. 27 mm
<b>F</b>	Carbon black polyethylene sheath Sheath's colour : <b>BLACK</b> Sheath's printing : <b>VIMCEL MIL-Type RF 400 Halo/Flame 50</b>	<b>LSZH</b>	ø 10,30 ± 0,18 mm

Bending radius : installation	25 mm	Copper weight	71,0 Kg/Km
Bending radius : repeated	100 mm	Cable weight	122,1 Kg/Km

**ELECTRICAL PERFORMANCE**

**ATTENUATION dB/100 m**

Impedance	50 ± 3 Ohm
Capacitance	80 pF/m
Velocity ratio	84%

50 MHz	2,5
100 MHz	3,6
400 MHz	7,9
600 MHz	10,0
860 MHz	12,1
1000 MHz	13,2
1750 MHz	18,7
2400 MHz	22,2

**SCREENING EFFECTIVENESS dB**

100-900 MHz	>85	<b>CLASS A</b>
.....-..... MHz		

Inner conductor resistance	3,2 Ohm/Km
Outer conductor resistance	7,5 Ohm/Km

**STRUCTURAL RETURN LOSS dB**

Temperature range	-40 °C / +75 °C
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30-300 MHz	>29
300-600 MHz	>26
600-2400 MHz	>24

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