



### 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<br>Percentage coverage  | <b>LTA</b> | 100%                 |
| <b>D</b> | Tinned copper outer conductor<br>Percentage coverage  | <b>CS</b>  | 128 x 0,15 mm<br>70% |
| <b>E</b> | Non-migrating tape  | <b>Pet</b> | h. 27 mm             |
| <b>F</b> | Carbon black polyethylene sheath<br>Sheath's colour : <b>BLACK</b><br>Sheath's printing : VIMCEL MIL-Type RF 400 / 50 | <b>PE</b>  | ø 10,30 ± 0,18 mm    |

Bending radius : installation 25 mm  
Bending radius : repeated 100 mm

Copper weight 71,0 Kg/Km  
Cable weight 122,1 Kg/Km

### ELECTRICAL PERFORMANCE

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

### ATTENUATION dB/100 m

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 CLASS A  
.....-..... 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

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.