

RG 316 U

StCuvs **FEP** **CuGvs** **FEP**
 7 x 0,17 mm ø 1,52 mm ø 2,00 mm ø 2,50 mm



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

MECHANICAL DATA

DIMENSIONS

| | | | |
|----------|--|---------------|---------------------|
| A | Copperweld wire silvered inner conductor | StCuvs | 7 x 0,17 mm |
| B | Fluorinated ethylene propylene dielectric | FEP | ø 1,52 ± 0,05 mm |
| C | Copper wire braiding silver-plated outer conductor Percentage coverage | CuGvs | 64 x 0,10 mm 95% |
| D | Fluorinated ethylene propylene sheath Sheath's colour : GOLDEN OhmSheath's printing : VIMCEL MIL-C-17 RG 316 U 50 | FEP | ø 2,50 ± 0,13 mm |

Cable weight 13 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

Impedance 50 ± 2 Ohm
 Capacitance 95 pF/m
 Velocity ratio 70%

50 MHz 18,90
 100 MHz 17,50
 200 MHz 40,30
 500 MHz 67,90
 1000 MHz 102,90

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance 270 Ohm/Km
 Outer conductor resistance 40 Ohm/Km

STRUCTURAL RETURN LOSS dB

Temperature range -55 °C / +200 °C

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