



MECHANICAL DATA

DIMENSIONS

A	Copperweld inner conductor	CW	ø 0,72 ± 0,025 mm
B	Low density polyethylene dielectric	PE	ø 4,70 ± 0,10 mm
C	Silvered copper outer conductor Percentage coverage	CA	144 x 0,16 mm 97%
D	Plain copper outer conductor Percentage coverage	CU	144 x 0,16 mm 95%
E	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK Sheath's printing : RAFANSYS M-17/2 RG 6 MIL-C-17F RG 6 AU 75 Ohm	PVC2	ø 8,50 ± 0,10 mm

Copper weight	64,6 Kg/Km
Cable weight	123,4 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

Impedance	75 ± 3 Ohm
Capacitance	67 pF/m
Velocity ratio	66%

50 MHz	5,8
100 MHz	8,5
200 MHz	12,5
400 MHz	18
500 MHz	20,3
600 MHz	22,6
860 MHz	27,5
1000 MHz	30,4

SCREENING EFFECTIVENESS dB

100-900 MHz	>70
.....-..... MHz	

Inner conductor resistance	106 Ohm/Km
Outer conductor resistance	5 Ohm/Km

STRUCTURAL RETURN LOSS dB

Temperature range	-30 °C / +70 °C
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30-300 MHz	>28
300-600 MHz	>24
600-900 MHz	>22

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