



MECHANICAL DATA

DIMENSIONS

A	Plain copper inner conductor	CU	7 x 0,75 mm
B	Low density polyethylene dielectric	PE	ø 7,25 ± 0,18 mm
C	Plain copper outer conductor Percentage coverage	CU	192 x 0,18 mm 97%
D	Non-contaminating polyvinyl-chloride sheath Sheath's colour : BLACK Sheath's printing : RAFANSYS M-17/74 RG 213 MIL-C-17F RG 213 U 50 Ohm	PVC2	ø 10,3 ± 0,18 mm

Copper weight	76,9 Kg/Km
Cable weight	163 Kg/Km

ELECTRICAL PERFORMANCE

ATTENUATION dB/100 m

Impedance	50 ± 2 Ohm
Capacitance	100 pF/m
Velocity ratio	66%

50 MHz	4,5
100 MHz	6,7
200 MHz	9,9
400 MHz	14,3
500 MHz	16,1
600 MHz	17,8
860 MHz	22,1
1000 MHz	24,3

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance	6 Ohm/Km
Outer conductor resistance	4,5 Ohm/Km

STRUCTURAL RETURN LOSS dB

Temperature range	-30 °C / +70 °C
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30-300 MHz	>30
300-600 MHz	>27
600-900 MHz	>25

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