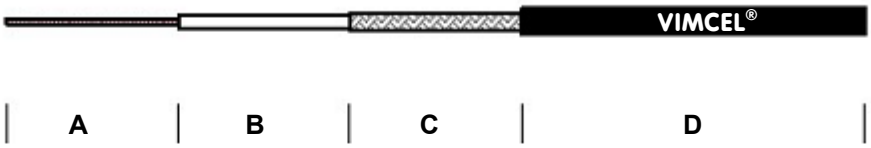
VIMCOM

GENERAL TECHNICAL DATA :

RG 174 C/U

50 Ohm RF coaxial cable manufactured in compliance with the MIL-C-17 standards.

CW	PE	CS	PVC2
7 x 0,15 mm	ø 1,50 mm	ø 1,90 mm	ø 2,55 mm



MECHANICAL DATA

			DIMENSIONS
A	Copperweld inner conductor	**CW**	7 x 0,16 mm
B	Low density polyethylene dielectric	**PE**	ø 1,50 ± 0,08 mm
C	Tinned copper outer conductor Percentage coverage	**CS**	64 x 0,10 mm 88%
D	Non-contaminating polyvinyl-chloride sheath	**PVC2**	ø 2,55 ± 0,13 mm

Sheath's colour : **BLACK**

OhmSheath's printing : VIMCEL MIL-C-17 RG 174 C/U 50

Copper weight	5,9 Kg/Km
Cable weight	12,5 Kg/Km

ELECTRICAL PERFORMANCE

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

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance	290 Ohm/Km
Outer conductor resistance	39 Ohm/Km
Temperature range	-30 °C / +70 °C

ATTENUATION dB/100 m

50 MHz	21,60
100 MHz	30,90
200 MHz	44,40
300 MHz	53,00
450 MHz	60,00
500 MHz	72,30
800 MHz	84,00
900 MHz	90,00
1000 MHz	105.50

STRUCTURAL RETURN LOSS dB

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

September 2007

VIMCOM AG, Dorfstrasse 55, CH-8103 Unterengstringen

Phone +41 44 751 77 00 Fax +41 44 751 77 00 Homepage http://www.vimcom.ch E-mail info@vimcom.ch