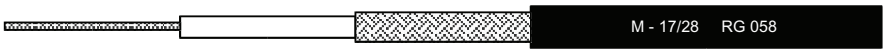
GENERAL TECHNICAL DATA :

RG 58 CU

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

CS	PE	CS	PVC2
19 x 0,18 mm	ø 2,95 mm	ø 3,50 mm	ø 5,00 mm



A	B	C	D

	MECHANICAL DATA		DIMENSIONS
A	Tinned copper inner conductor	**CS**	**19 x 0,18 mm**
B	Low density polyethylene dielectric	**PE**	**ø 2,95 ± 0,10 mm**
C	Tinned copper outer conductor Percentage coverage	**CS**	**112 x 0,13 mm** **95%**
D	Non-contaminating polyvinyl-chloride sheath	**PVC2**	**ø 5,00 ± 0,10 mm**

Sheath's colour : **BLACK**

Sheath's printing : **SIVA M-17/28 RG 058 MIL-C-17F RG 58 CU 50 Ohm**

Copper weight	**18,7 Kg/Km**
Cable weight	**39,9 Kg/Km**

ELECTRICAL PERFORMANCE

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

SCREENING EFFECTIVENESS dB

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

Inner conductor resistance	**37,5 Ohm/Km**
Outer conductor resistance	**16,5 Ohm/Km**
Temperature range	**-30 °C / +70 °C**

ATTENUATION dB/100 m

50 MHz	**9,7**
100 MHz	**13,9**
200 MHz	**20,4**
400 MHz	**30**
500 MHz	**34,2**
600 MHz	**37,9**
860 MHz	**46,9**
1000 MHz	**51,8**

STRUCTURAL RETURN LOSS dB

30-300 MHz	**>27**
300-600 MHz	**>23**
600-900 MHz	**>22**

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

SIVA S.p.A. Via Vittorio Veneto 63 24040 Bonate Sotto (Bergamo) Italia

Tel. 0039 035 991085 / 86 Fax 0039 035 992128 Home page: http://www.sivacavi.it E-mail: siva@sivacavi.it