RG 59 BU

75 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

Class CPR E_{ca}

CW	PE	CU	PVC2
ø 0,58 mm	ø 3,70 mm	ø 4,30 mm	ø 6,20 mm

A	B	C	D

MECHANICAL DATA

A	**INNER CONDUCTOR**	COPPERWELD	**ø 0,58 ± 0,025 mm**
B	**DIELECTRIC**	LOW DENSITY POLYETHYLENE	**ø 3,70 ± 0,10 mm**
C	**BRAID**	PLAIN COPPER	**120 x 0,15 mm**
		- COVERAGE	**95%**
D	**SHEATH**	NON-CONTAMINATING POLYVINYL-CHLORIDE	**ø 6,20 ± 0,10 mm**
	- COLOUR	**BLACK - RAL 9004**	
	- PRINTING	**M17/29-RG59 MIL-C-17F RG 59 BU 75 Ohm**	
		MADE IN ITALY CE 56 SETT/YEAR EN 50575:2014 + A1:2016 Eca	

MINIMUM BENDING RADIUS (mm)

- **SINGLE** ø EXTERNAL X 5
- **REPEATED** ø EXTERNAL X 10

TEMPERATURE RANGE -30 °C / +70 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 22,4
- **PLASTIC** 33,4
- **TOTAL** 55,8

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- **INNER CONDUCT.** 154 Ohm/Km
- **BRAID** 9 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 4,5 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,3	
10	MHz	3,1	
50	MHz	7,4	
100	MHz	10,7	
200	MHz	15,7	
400	MHz	22,7	

MAX. POWER RATING W

		dB	W
500	MHz	25,7	
600	MHz	28,7	
800	MHz	33,6	
1000	MHz	38,0	
1350	MHz	45,6	
1500	MHz	48,5	

		dB	W
1750	MHz	53,5	
2150	MHz	60,9	
2250	MHz	62,1	
2500	MHz	66,8	
2750	MHz	69,6	
3000	MHz	72,7	

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	>31	1000 ÷ 2000	MHz	>18	100 ÷ 900	MHz	>57
300 ÷ 600	MHz	>28	2000 ÷ 3000	MHz	>14	900 ÷ 2000	MHz	-
600 ÷ 1000	MHz	>24	….. ÷ …..	MHz	-	2000 ÷ 3000	MHz	-

SCREENING EFFECTIVENESS dB

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

Deltron Trading B.V. - Morsestraat 9 - 7903 BK Hoogeveen
t. 0528 268816 - e: info@deltron.nl - w: www.deltron.nl