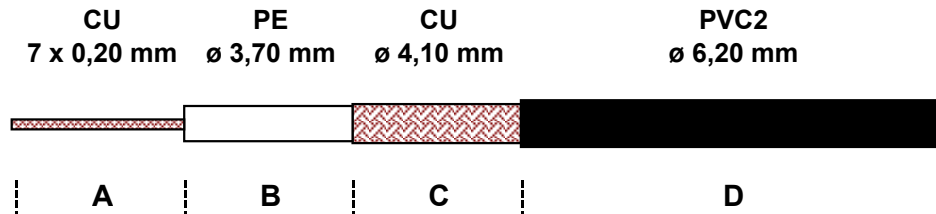


RG 059 FX

75 OHM RF COAXIAL CABLE

Classe CPR **E_{ca}**



MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	7 x 0,20 mm
B	DIELECTRIC	LOW DENSITY POLYETHYLENE	ø 3,70 ± 0,10 mm
C	BRAID	PLAIN COPPER	168 x 0,10 mm
		- COVERAGE	92%
D	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 6,20 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	M17/29-RG59 RG 59 FLEX 75 Ohm	
		CE 56 WEEK/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 14,5
- PLASTIC 35,4
- TOTAL 49,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 67 pF/m

VELOCITY RATIO 66%

RESISTANCE

- INNER CONDUCT. 82 Ohm/Km
- BRAID 13 Ohm/Km

TENSION

- SHEATH SPARK TESTING 5,0 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	2,5	
10	MHz	3,4	
50	MHz	7,9	
100	MHz	11,5	
200	MHz	16,8	
400	MHz	24,1	

MAX. POWER RATING W

		dB	W
500	MHz	27,3	
600	MHz	30,4	
800	MHz	35,4	
1000	MHz	40,1	
1350	MHz	47,9	
1500	MHz	51,1	

		dB	W
1750	MHz	56,3	
2150	MHz	64,3	
2250	MHz	65,8	
2500	MHz	71,1	
2750	MHz	74,1	
3000	MHz	77,5	

STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz >30
 300 ÷ 600 MHz >25
 600 ÷ 1000 MHz >22

1000 ÷ 2000 MHz >20
 2000 ÷ 3000 MHz >16
 ÷ MHz -

SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz >57
 900 ÷ 2000 MHz -
 2000 ÷ 3000 MHz -

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

Deltron Trading B.V. - Morsestraat 9 - 7903 BK HOOGEVEEN

Tel. 0528 268816 - Home page: <http://www.deltron.nl> - e-mail: info@deltron.nl