



FABBRICA CAVI - ANTENNE - ACCESSORI TV

RG 179 BU

75 OHM RF COAXIAL CABLE

MANUFACTURED IN COMPLIANCE WITH MIL-C-17F STANDARDS

Class CPR **E_{ca}**

CW AG **PTFE** **CA** **FEP**
 7 x 0,10 mm ø 1,55 mm ø 2,00 mm ø 2,54 mm



|| A || B || C || D ||

MECHANICAL DATA

A	INNER CONDUCTOR	SILVERED COPPERWELD	7 x 0,10 mm
B	DIELECTRIC	POLYTETRAFLUORETHYLENE (TEFLON)	ø 1,55 ± 0,08 mm
C	BRAID	SILVERED COPPER	80 x 0,10 mm
	- COVERAGE		96%
D	SHEATH	PERFLUOROETHYLENE-PROPYLENE	ø 2,54 ± 0,13 mm
	- COLOUR	BROWN	
	- PRINTING	M - 17/94 RG 179 MIL-C-17F RG 179 BU 75 OHM	

MINIMUM BENDING RADIUS (mm)

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

TEMPERATURE RANGE -55 °C / +200 °C

CABLE WEIGHT (Kg/Km)

- **COPPER** 6,4
- **PLASTIC** 8,5
- **TOTAL** 14,9

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 63 pF/m

VELOCITY RATIO 69%

RESISTANCE

- **INNER CONDUCT.** 800 Ohm/Km
- **BRAID** 28 Ohm/Km

TENSION

- **SHEATH**
- **SPARK TESTING** -

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	10,0	1584
10	MHz	13,1	1120
50	MHz	19,0	501
100	MHz	25,3	354
200	MHz	36,6	250
400	MHz	54,7	177

MAX. POWER RATING W

		dB	W
500	MHz	62,1	158
600	MHz	63,0	145
800	MHz	81,1	125
1000	MHz	89,3	112
1350	MHz	99,0	96
1500	MHz	105,0	91

		dB	W
1750	MHz	114,5	85
2150	MHz	128,5	76
2250	MHz	132,0	75
2500	MHz	140,5	71
2750	MHz	148,5	68
3000	MHz	157,0	65

STRUCTURAL RETURN LOSS dB

30 ÷ 300	MHz	-	1000 ÷ 2000	MHz	-
300 ÷ 600	MHz	-	2000 ÷ 3000	MHz	-
600 ÷ 1000	MHz	- ÷	MHz	-

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>40
900 ÷ 2000	MHz	-
2000 ÷ 3000	MHz	-

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