



FABBRICA CAVI - ANTENNE - ACCESSORI TV

HF 287 FX - PVC

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLE

Class CPR **E_{ca}**

CU **PEG** **LRP** **CU** **PVC2**
7 x 0,65 mm ø 5,00 mm ø 5,10 mm ø 5,60 mm ø 7,30 mm



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

MECHANICAL DATA

A	INNER CONDUCTOR	PLAIN COPPER	.....	7 x 0,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	.....	ø 5,00 ± 0,10 mm
C	SHIELD	COPPER + POLYESTER TAPE	.....	h. 18 mm
		- COVERAGE	.....	100%
D	BRAID	PLAIN COPPER	.....	120 x 0,12 mm
		- COVERAGE	.....	72%
E	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	.....	ø 7,30 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004		
	- PRINTING	## METER ## HF 287 FX - PVC HIGH PERFORMANCE LOW LOSS FLEXIBLE CABLE 50 OHM		
		7x0,65 / 5,00 / 7,30 MADE IN ITALY CE 62 SETT/ANNO 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** 34,7
- **PLASTIC** 32,6
- **TOTAL** 71,3

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 50 ± 2 Ohm

CAPACITANCE 80 pF/m

VELOCITY RATIO 84%

RESISTANCE

- **INNER CONDUCT.** 7,8 Ohm/Km
- **BRAID** 11,0 Ohm/Km

TENSION

- **SHEATH SPARK TESTING** 4,0 kV

ATTENUATIONS dB/100 m.

		dB	W
5	MHz	1,5	3111
10	MHz	2,0	2200
30	MHz	3,3	1270
50	MHz	4,2	984
150	MHz	7,2	568
220	MHz	8,8	469

MAX. POWER RATING W

		dB	W
450	MHz	12,9	328
600	MHz	15,0	284
800	MHz	17,7	246
900	MHz	18,5	232
1000	MHz	19,7	220
1500	MHz	24,7	180

		dB	W
1800	MHz	27,3	164
2000	MHz	29,5	156
2500	MHz	32,6	139
3000	MHz	36,4	127
5200	MHz	50,8	96
5800	MHz	54,1	91

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>30	2000 ÷ 3000	MHz	>18
450 ÷ 1000	MHz	>27	3000 ÷ 4000	MHz	>15
1000 ÷ 2000	MHz	>22	4000 ÷ 5800	MHz	>11

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>80
900 ÷ 2000	MHz	>70
2000 ÷ 3000	MHz	>60

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