



FABBRICA CAVI - ANTENNE - ACCESSORI TV



HF 287 FX - PVC

DOUBLE SCREENED 50 OHM
RF COAXIAL CABLEClass 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	
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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	1,3	3111
10	MHz	1,9	2200
30	MHz	3,0	1270
50	MHz	4,1	984
150	MHz	6,9	568
220	MHz	8,9	469

MAX. POWER RATING W

		dB	W
450	MHz	13,0	328
600	MHz	15,1	284
800	MHz	17,4	246
900	MHz	18,8	232
1000	MHz	20,0	220
1500	MHz	24,8	180

		dB	W
1800	MHz	27,2	164
2000	MHz	28,9	156
2500	MHz	33,0	139
3000	MHz	36,5	127
5200	MHz	50,9	96
5800	MHz	54,0	91

STRUCTURAL RETURN LOSS dB

30 ÷ 450	MHz	>24	2000 ÷ 3000	MHz	>19
450 ÷ 1000	MHz	>23	3000 ÷ 4000	MHz	>17
1000 ÷ 2000	MHz	>20	4000 ÷ 5800	MHz	>16

SCREENING EFFECTIVENESS dB

100 ÷ 900	MHz	>90
900 ÷ 2000	MHz	>85
2000 ÷ 3000	MHz	>75

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