



FABBRICA CAVI - ANTENNE - ACCESSORI TV

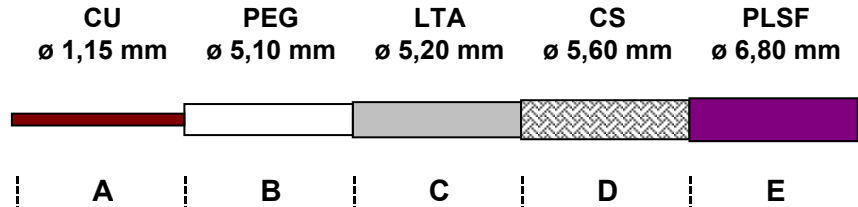
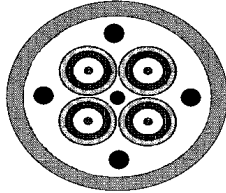


4 X SLS 51900

BROADCAST VIDEO DIGITAL 6 Gb/s UHDTV - 3 Gb/s HD-SDI
COMPLIANCE WITH CEI 20-11 CEI 20-22/II CEI 20-35 I/II IEC 60332 I/II/III

CATEGORY

A+
EN 50117



MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER	ø 1,15 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 5,10 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	216 x 0,10 mm
	- COVERAGE		90%
E	SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 6,80 ± 0,10 mm
	- COLOUR	VIOLET - RAL 4001	
	- PRINTING	NUMBER OF THE CABLE	
	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 20,5 ± 0,50 mm
	- COLOUR	BLACK - RAL 9004	

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10
TEMPERATURE RANGE	-25 °C / +80 °C

CABLE WEIGHT (Kg/Km)

- COPPER	104,0
- PLASTIC	364,5
- TOTAL	475,1

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	53 pF/m	- INNER CONDUCT.	16,6 Ohm/Km
VELOCITY RATIO	84%	- BRAID	9,5 Ohm/Km

ATTENUATIONS dB/100 m.

5 MHz	1,0	135 MHz	6,0	1500 MHz	22,2
10 MHz	1,4	143 MHz	6,3	1750 MHz	23,8
50 MHz	3,5	180 MHz	7,2	2150 MHz	27,0
71,5 MHz	4,3	360 MHz	10,3	2500 MHz	29,4
88,5 MHz	4,8	750 MHz	15,0	3000 MHz	33,1
100 MHz	5,3	1000 MHz	17,5	6000 MHz	51,3

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>29	3000 ÷ 4500 MHz	>20
470 ÷ 862 MHz	>27	4500 ÷ 6000 MHz	>15
862 ÷ 2150 MHz	>24	6000 ÷ 12000 MHz	-
2150 ÷ 3000 MHz	>21		

SCREENING EFFECTIVENESS dB

EN 50117 STANDARD

5 ÷ 30 MHz	<5	mOhm/m
30 ÷ 1000 MHz	>95	dB
1000 ÷ 2000 MHz	>90	dB
2000 ÷ 3000 MHz	>80	dB

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