



FABBRICA CAVI - ANTENNE - ACCESSORI TV

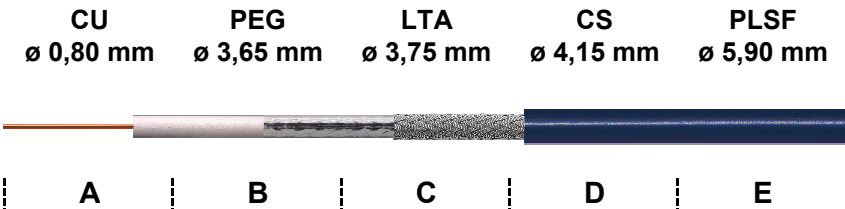
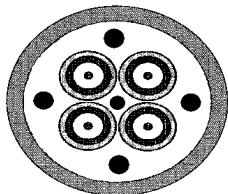
4 X SLS 37885

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 0,80 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,65 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 15 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	144 x 0,10 mm
	- COVERAGE		85%
E	SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 5,90 ± 0,10 mm
	- COLOUR		
	- PRINTING		
	SHEATH	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 16,90 ± 0,40 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	62,0
- PLASTIC	250,5
- TOTAL	318,1

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	53 pF/m	- INNER CONDUCT.	35,0 Ohm/Km
VELOCITY RATIO	84%	- BRAID	12,0 Ohm/km

ATTENUATIONS dB/100 m.

5 MHz	1,6	135 MHz	8,4	1500 MHz	31,1
10 MHz	2,2	143 MHz	8,9	1750 MHz	33,2
50 MHz	5,1	180 MHz	10,1	2150 MHz	38,0
71,5 MHz	6,2	360 MHz	14,4	2500 MHz	42,0
88,5 MHz	6,8	750 MHz	20,9	3000 MHz	46,7
100 MHz	7,6	1000 MHz	25,4	6000 MHz	75,0

STRUCTURAL RETURN LOSS dB

SCREENING EFFECTIVENESS dB

EN 50117 STANDARD

30 ÷ 470 MHz	>29	3000 ÷ 4500 MHz	>20	5 ÷ 30 MHz	<5	mOhm/m
470 ÷ 862 MHz	>27	4500 ÷ 6000 MHz	>15	30 ÷ 1000 MHz	>95	dB
862 ÷ 2150 MHz	>24	6000 ÷ 12000 MHz	-	1000 ÷ 2000 MHz	>90	dB
2150 ÷ 3000 MHz	>21			2000 ÷ 3000 MHz	>80	dB

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