



FABBRICA CAVI - ANTENNE - ACCESSORI TV

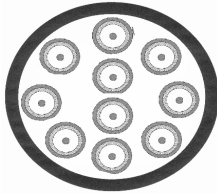


10 X SLS 28810

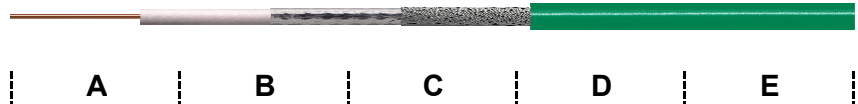
BROADCAST VIDEO DIGITAL 6 Gb/s UHDTV - 3 Gb/s HD-SDI
COMPLIANCE WITH CEI 20-11 CEI 20-22/II CEI 20-35 I/II IEC 60332 I/II/III

CATEGORY

A
EN 50117



CU	PEG	LTA	CS	PLSF
∅ 0,60 mm	∅ 2,80 mm	∅ 2,90 mm	∅ 3,30 mm	∅ 4,50 mm



MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER	∅ 0,60 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	∅ 2,80 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 12 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	128 x 0,10 mm
	- COVERAGE		91%
E	SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	∅ 4,50 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	NUMBER OF THE CABLE	
	SHEATH	FLAME RETARDANT POLYVINYL-CHLORIDE	∅ 22,00 ± 0,50 mm
	- COLOUR	BLACK - RAL 9004	

MINIMUM BENDING RADIUS (mm)

- SINGLE	∅ EXTERNAL X 5
- REPEATED	∅ EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	125,0
- PLASTIC	401,3
- TOTAL	536,3

TEMPERATURE RANGE -25 °C / +80 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	56 pF/m	- INNER CONDUCT.	62,0 Ohm/Km
VELOCITY RATIO	80%	- BRAID	12,8 Ohm/Km

ATTENUATIONS dB/100 m.

5 MHz	2,5	135 MHz	11,8	1500 MHz	41,9
10 MHz	3,4	143 MHz	12,5	1750 MHz	44,3
50 MHz	7,7	180 MHz	14,1	2150 MHz	50,4
71,5 MHz	9,0	360 MHz	19,6	2500 MHz	55,3
88,5 MHz	9,8	750 MHz	28,5	3000 MHz	60,6
100 MHz	10,8	1000 MHz	34,6	6000 MHz	91,0

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>28	3000 ÷ 4500 MHz	>14
470 ÷ 862 MHz	>24	4500 ÷ 6000 MHz	>13
862 ÷ 2150 MHz	>19	6000 ÷ 12000 MHz	-
2150 ÷ 3000 MHz	>17		

SCREENING EFFECTIVENESS dB

EN 50117 STANDARD

5 ÷ 30 MHz	<5	mOhm/m
30 ÷ 1000 MHz	>90	dB
1000 ÷ 2000 MHz	>85	dB
2000 ÷ 3000 MHz	>75	dB

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