



FABBRICA CAVI - ANTENNE - ACCESSORI TV

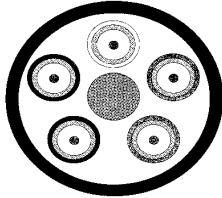


# 5 X SLS 37885

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**



<b>CU</b> ø 0,80 mm	<b>PEG</b> ø 3,65 mm	<b>LTA</b> ø 3,75 mm	<b>CS</b> ø 4,15 mm	<b>PLSF</b> ø 5,90 mm
------------------------	-------------------------	-------------------------	------------------------	--------------------------



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

## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCT.</b>	PLAIN COPPER	ø 0,80 mm
<b>B</b>	<b>DIELECTRIC</b>	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE	ø 3,65 ± 0,10 mm
<b>C</b>	<b>SHIELD</b>	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 15 mm
	- COVERAGE		100%
<b>D</b>	<b>BRAID</b>	TINNED COPPER	144 x 0,10 mm
	- COVERAGE		85%
<b>E</b>	<b>SHEATH</b>	FLAME RETARDANT POLYVINYL-CHLORIDE	ø 5,90 ± 0,10 mm
	- COLOUR	<b>GREEN - RAL 6024</b>	
	- PRINTING	<b>NUMBER OF THE CABLE</b>	
	<b>SHEATH</b>	NON-CONTAMINATING POLYVINYL-CHLORIDE	ø 19,40 ± 0,50 mm
	- COLOUR	<b>BLACK - RAL 9004</b>	

### 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	77,5
- PLASTIC	328,3
- TOTAL	412,8

## ELECTRICAL PROPERTIES at 20°C

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

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.