



FABBRICA CAVI - ANTENNE - ACCESSORI TV

# ZHD 208

VIDEO SECURITY CABLE  
INDOOR & OUTDOOR INSTALLATIONS

Class CPR **E<sub>ca</sub>**

CATEGORY

# A

**EN 50117**

MAXIMUM VIDEO	PAL	400 m.
	AHD HD	250 m.
	HD - CVI	300 m.
SIGNAL TRANSMISSION :	HD - TVI	200 m.
	HD - SDI	70 m.

CU	PEE	LTA	ALL	LSZH
ø 0,40 mm	ø 1,80 mm	ø 1,90 mm	ø 2,55 mm	ø 3,60 mm



## MECHANICAL DATA

	A	B	C	D	E
<b>A</b> INNER CONDUCTOR	PLAIN COPPER				ø 0,40 mm
<b>B</b> DIELECTRIC	FOAM POLYETHYLENE				ø 1,80 ± 0,10 mm
<b>C</b> SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE				h. 8 mm
	- COVERAGE				100%
<b>D</b> BRAID	ALUMINIUM				48 x 0,16 mm
	- COVERAGE				77%
<b>E</b> SHEATH	FLAME RETARDANT NON-CORROSIVE				ø 3,60 ± 0,10 mm
	THERMOPLASTIC FREE OF HALOGENS				
	- COLOUR	<b>BLUE - RAL 5010</b>			
- PRINTING	<b>## METER ## SIVA ZHD 208 HD COAXIAL CABLE 75 OHM LSZH</b>				
	<b>MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca</b>				

MINIMUM BENDING RADIUS ( mm )		CABLE WEIGHT ( Kg/Km )	
- SINGLE	ø EXTERNAL X 5	- COPPER	1,1
- REPEATED	ø EXTERNAL X 10	- PLASTIC	9,3
TEMPERATURE RANGE	-40 °C / +80 °C	- TOTAL	14,0

## ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 5 Ohm	RESISTANCE	
CAPACITANCE	56 pF/m	- INNER CONDUCT.	142,0 Ohm/Km
VELOCITY RATIO	80%	- BRAID	25,0 Ohm/Km
		TENSION	
		- SHEATH	2,0 kV
		- SPARK TESTING	

## ATTENUATIONS dB/100 m.

5 MHz	3,8	470 MHz	34,0	1500 MHz	64,1
10 MHz	4,9	600 MHz	39,0	1750 MHz	68,6
50 MHz	11,3	800 MHz	45,0	2150 MHz	76,7
100 MHz	15,7	862 MHz	47,3	2400 MHz	81,1
200 MHz	21,5	1000 MHz	51,3	2750 MHz	86,0
300 MHz	26,8	1350 MHz	59,8	3000 MHz	89,9

## STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>28
470 ÷ 862	MHz	>23
862 ÷ 2150	MHz	>18
2150 ÷ 3000	MHz	>15

## SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	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.