



FABBRICA CAVI - ANTENNE - ACCESSORI TV

ZHD 208 F2C2

VIDEO SECURITY CABLE

INDOOR & OUTDOOR INSTALLATIONS

ZHD 208 + 1 TWISTED PAIR 0,22 MM² + 2 x 0,50 MM²

Class CPR **E_{ca}**

CATEGORY

A

MAXIMUM VIDEO SIGNAL TRANSMISSION:

ANALOGICAL **400 m.**
HD - SDI **70 m.**

EN 50117

CU ø 0,40 mm	PEE ø 1,80 mm	LTA ø 1,90 mm	ALL ø 2,55 mm	LSZH ø 3,60 mm	LSZH ø 7,40 mm
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MECHANICAL DATA

	A	B	C	D	E	F
A INNER CONDUCTOR	PLAIN COPPER					ø 0,40 mm
B DIELECTRIC	FOAM POLYETHYLENE					ø 1,80 ± 0,10 mm
C SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE					h. 8 mm
	- COVERAGE					100%
D BRAID	ALUMINIUM					48 x 0,16 mm
	- COVERAGE					77%
E SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS BLUE - RAL 5010					ø 3,60 ± 0,10 mm
- COLOUR						
ELECTRICAL CABLES						
-	PLAIN COPPER					1 x (2x0,22 mm ²)
-	FLAME RETARDANT POLYVINYL-CHLORIDE					1 x (2 x ø 1,20 ± 0,10 mm)
- COLOUR	YELLOW - GREEN TWISTED					
-	PLAIN COPPER					2x0,50 mm ²
-	FLAME RETARDANT POLYVINYL-CHLORIDE					2 x ø 1,70 ± 0,10 mm
- COLOUR	RED - BLACK					
F SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS BLUE - RAL 5010					ø 7,40 ± 0,30 mm
- COLOUR						
- PRINTING	## METER ## SIVA ZHD 208 F2C2 HD COAXIAL 75 OHM+2x0,50 MM²+2x0,22 MM² LSZH MADE IN ITALY CE 56 WEEK/YEAR EN 50575:2014 + A1:2016 Eca					

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

CABLE WEIGHT (Kg/Km)

- COPPER	14,1
- PLASTIC	48,8
- TOTAL	66,5

TAMPERATURE RANGE

-40 °C / +80 °C

ELECTRICAL PROPERTIES at 20°C

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

ELECTRICAL CABLES

VOLTAGE - OPERATING	250 Vca
- TEST	1200 Vca
CORES RESIST.	82 Ohm/Km - 39 Ohm/Km

ATTENUATIONS dB/100 m.

5 MHz	3,8	100 MHz	15,7	1000 MHz	51,3
10 MHz	4,9	300 MHz	26,8	2150 MHz	76,7
50 MHz	11,3	600 MHz	39,0	3000 MHz	89,9

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>28	2150 ÷ 3000 MHz	>15
470 ÷ 860 MHz	>23 ÷	MHz -
860 ÷ 2150 MHz	>18 ÷	MHz -

SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>90
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

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