



FABBRICA CAVI - ANTENNE - ACCESSORI TV

ZHD 208 M2

VIDEO SECURITY CABLE
INDOOR & OUTDOOR INSTALLATIONS
ZHD 208 + 2 X 1,50 MM²

Class CPR **E_{ca}**

CATEGORY

A

EN 50117

MAXIMUM VIDEO SIGNAL TRANSMISSION:

ANALOGICAL 400 m.
HD - SDI 70 m.

CU	PEE	LTA	ALL	LSZH	LSZH
ø 0,40 mm	ø 1,80 mm	ø 1,90 mm	ø 2,55 mm	ø 3,60 mm	ø 8,20 mm



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					ø 3,60 ± 0,10 mm
- COLOUR	BLUE - RAL 5010					
ELECTRICAL CABLES						
-	PLAIN COPPER					2x1,50 mm ²
-	FLAME RETARDANT POLYVINYL-CHLORIDE					2 x ø 2,60 ± 0,10 mm
- COLOUR	RED - BLACK					
F SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS					ø 8,20 ± 0,30 mm
- COLOUR	BLUE - RAL 5010					
- PRINTING	## METER ## SIVA ZHD 208 M2 HD COAXIAL 75 OHM + 2 x 1,50 MM ² 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	27,5
- PLASTIC	55,7
- TOTAL	86,8

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	300 Vca
- TEST	2000 Vca
CORES RESISTANCE	12 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.