



FABBRICA CAVI - ANTENNE - ACCESSORI TV

ZHD 208 H2

VIDEO SECURITY CABLE
INDOOR & OUTDOOR INSTALLATIONS
ZHD 208 + 2 X 0,75 MM²

Class CPR **E_{ca}**

CATEGORY

A

MAXIMUM VIDEO SIGNAL TRANSMISSION:

ANALOGICAL 400 m.
HD - SDI 70 m.

EN 50117

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 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 7,30 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 | 2x0,75 mm ² |
| - | FLAME RETARDANT POLYVINYL-CHLORIDE | 2 x ø 2,00 ± 0,10 mm |
| - COLOUR | RED - BLACK | |
| F SHEATH | FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS | ø 7,30 ± 0,30 mm |
| - COLOUR | BLUE - RAL 5010 | |
| - PRINTING | ## METER ## SIVA ZHD 208 H2 HD COAXIAL 75 OHM + 2 x 0,75 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 |
| TAMPERATURE RANGE | -40 °C / +80 °C |

CABLE WEIGHT (Kg/Km)

| | |
|-----------|------|
| - COPPER | 14,7 |
| - PLASTIC | 43,1 |
| - TOTAL | 61,4 |

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 26 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.