



FABBRICA CAVI - ANTENNE - ACCESSORI TV



ZHD 206 F2 - 0,6/1 kV

75 OHM VIDEO SECURITY COAXIAL CABLE - ZHD 206 + 2 x 0,50 MM²

LAYING TOGETHER WITH POWER CABLES MARKING 0,6/1 kV

MAXIMUM VIDEO SIGNAL TRANSMISSION: ANALOGICAL HD - SDI 400 m.
70 m.

CW	PEE	LTA	CS	LSZH	LSZH
ø 0,41 mm	ø 1,95 mm	ø 2,05 mm	ø 2,45 mm	ø 3,60 mm	ø 7,20 mm



MECHANICAL DATA

	A	B	C	D	E	F
A INNER CONDUCTOR	COPPERWELD					ø 0,41 mm
B DIELECTRIC	FOAM POLYETHYLENE					ø 1,95 ± 0,10 mm
C SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE					h. 8 mm
	- COVERAGE					100%
D BRAID	TINNED COPPER					48 x 0,10 mm
	- COVERAGE					62%
E SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS					ø 3,60 ± 0,10 mm
	- COLOUR	BLUE - RAL 5010				
ELECTRICAL CABLES						
	PLAIN COPPER					2x0,50 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					ø 7,20 ± 0,30 mm
	- COLOUR	GREY - RAL 7001				

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	13,7
- PLASTIC	57,1
- TOTAL	71,6

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 5 Ohm
CAPACITANCE	56 pF/m
VELOCITY RATIO	80%
RESISTANCE - INNER CONDUCT.	320,0 Ohm/Km
- BRAID	41,0 Ohm/Km

ELECTRICAL CABLES

VOLTAGE - OPERATING	250 Vca
- TEST	1200 Vca
CORES RESISTANCE	39 Ohm/Km

ATTENUATIONS dB/100 m.

5 MHz	3,7	100 MHz	15,3	1000 MHz	49,9
10 MHz	4,7	300 MHz	26,1	2150 MHz	74,8
50 MHz	11,0	600 MHz	37,9	3000 MHz	87,5

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	>75
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

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