



FABBRICA CAVI - ANTENNE - ACCESSORI TV

ZHD 358 F2

75 OHM VIDEO SECURITY COAXIAL CABLE - ZHD 358 + 2 x 0,50 MM²
INDOOR & OUTDOOR INSTALLATIONS

MAXIMUM VIDEO SIGNAL TRANSMISSION: ANALOGICAL 500 m.
HD - SDI 150 m.

CU	PEG+PE	LTA	ALL	LSZH	LSZH
ø 0,80 mm	ø 3,50 mm	ø 3,60 mm	ø 4,15 mm	ø 5,50 mm	ø 9,40 mm



MECHANICAL DATA

	A	B	C	D	E	F
A INNER CONDUCTOR	PLAIN COPPER					ø 0,80 mm
B DIELECTRIC	GAS INJECTED FOAM POLYETHYLENE + CARBON BLACK PE					ø 3,50 ± 0,10 mm
C SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE					h. 12 mm
	- COVERAGE					100%
D BRAID	ALUMINIUM					80 x 0,16 mm
	- COVERAGE					78%
E SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS					ø 5,50 ± 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 9,40 ± 0,30 mm
	- COLOUR	BLUE - RAL 5010
	- PRINTING	

MINIMUM BENDING RADIUS (mm)

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

CABLE WEIGHT (Kg/Km)

- COPPER	13,5
- PLASTIC	61,8
- TOTAL	86,7

TAMPERATURE RANGE -40 °C / +80 °C

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm
CAPACITANCE	53 pF/m
VELOCITY RATIO	84%
RESISTANCE - INNER CONDUCT.	35,0 Ohm/Km
- BRAID	16,0 Ohm/Km

ELECTRICAL CABLES

VOLTAGE - OPERATING	250 Vca
- TEST	1200 Vca

CORES RESISTANCE 39 Ohm/Km

ATTENUATIONS dB/100 m.

5 MHz	1,8	100 MHz	8,0	1000 MHz	26,2
10 MHz	2,4	300 MHz	13,6	2150 MHz	39,8
50 MHz	5,7	600 MHz	19,9	3000 MHz	48,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>32	2150 ÷ 3000 MHz	>21
470 ÷ 860 MHz	>29 ÷	MHz -
860 ÷ 2150 MHz	>26 ÷	MHz -

SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>90
900 ÷ 2000 MHz	>85
2000 ÷ 3000 MHz	>75

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