



FABBRICA CAVI - ANTENNE - ACCESSORI TV

ZHD 358 G4

VIDEO SECURITY CABLE

INDOOR, OUTDOOR AND UNDERGROUND LAYING INSTALLATIONS

CATEGORY

A

EN 50117

MAXIMUM VIDEO SIGNAL TRANSMISSION :	PAL	500 m.
	AHD HD	350 m.
	HD - CVI	400 m.
	HD - TVI	250 m.
	HD - SDI	150 m.

CU	PEG+PE	LTA	ALL	LSZH	PE
ø 0,80 mm	ø 3,50 mm	ø 3,60 mm	ø 4,15 mm	ø 5,50 mm	ø 6,80 mm



MECHANICAL DATA

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 - COVERAGE	h. 12 mm 100%
D	BRAID	ALUMINIUM - COVERAGE	80 x 0,16 mm 78%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS - COLOUR	ø 5,50 ± 0,10 mm BLUE - RAL 5010
E	SHEATH	CARBON BLACK POLYETHYLENE - COLOUR - PRINTING	ø 6,80 ± 0,10 mm BLACK - RAL 9004 ## METER ## SIVA ZHD 358 G4 HD COAXIAL CABLE 75 OHM LSHF GR.4 0,6 / 1 kV CE

MINIMUM BENDING RADIUS (mm)

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10
TEMPERATURE RANGE	-40 °C / +75 °C

CABLE WEIGHT (Kg/Km)

- COPPER	9,1
- PLASTIC	31,3
- TOTAL	41,4

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
CAPACITANCE	53 pF/m	- INNER CONDUCT.	35,0 Ohm/Km
VELOCITY RATIO	84%	- BRAID	16,0 Ohm/Km
		TENSION	
		- SHEATH	8,0 kV
		- SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	1,8	470 MHz	17,2	1500 MHz	32,9
10 MHz	2,4	600 MHz	19,9	1750 MHz	35,4
50 MHz	5,7	800 MHz	22,8	2150 MHz	39,8
100 MHz	8,0	862 MHz	23,9	2400 MHz	42,5
200 MHz	11,1	1000 MHz	26,2	2750 MHz	45,8
300 MHz	13,6	1350 MHz	30,7	3000 MHz	48,2

STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>32
470 ÷ 862	MHz	>29
862 ÷ 2150	MHz	>26
2150 ÷ 3000	MHz	>21

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>85	dB
	2000 ÷ 3000	MHz	>75	dB

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