



FABBRICA CAVI - ANTENNE - ACCESSORI TV



SAT 72915 ZH

BROADCASTING VIDEO CABLE

DIGITAL 6 Gb/s UHDTV - 3 Gb/s HD-SDI

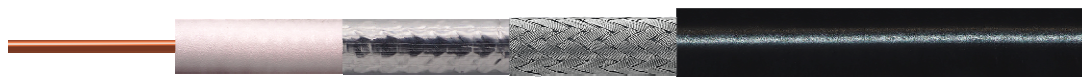
COMPLIANCE IEC 60754-1 IEC 60754-2 IEC 61034-2

Class CPR **E_{ca}**

CATEGORY

A+
EN 50117

CU PEG LTA CS LSZH
 ø 1,65 mm ø 7,20 mm ø 7,30 mm ø 7,90 mm ø 10,30 mm



MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER		ø 1,65 mm
B	DIELECTRIC	GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE		ø 7,20 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE		h. 27 mm
		- COVERAGE		100%
D	BRAID	TINNED COPPER		192 x 0,15 mm
		- COVERAGE		91%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE		ø 10,30 ± 0,18 mm
		THERMOPLASTIC FREE OF HALOGENS		
-	COLOUR	JET BLACK RAL 9005 RED LILAC RAL 4001		
		TURQUOISE BLUE RAL 5018		
-	PRINTING	## METER ##	SIVA SAT 72915 ZH	HD PRO CABLE 75 OHM LSZH
		MADE IN ITALY	CE 56	WEEK/YEAR EN 50575:2014 + A1:2016 E _{ca}
MINIMUM BENDING RADIUS (mm)		CABLE WEIGHT (Kg/Km)		
-	SINGLE	ø EXTERNAL X 5	-	COPPER 55,1
-	REPEATED	ø EXTERNAL X 10	-	PLASTIC 69,6
TEMPERATURE RANGE		-40 °C / +80 °C	-	TOTAL 127,2

ELECTRICAL PROPERTIES at 20°C

IMPEDANCE	75 ± 3 Ohm	RESISTANCE	
		- INNER CONDUCT.	8,2 Ohm/Km
CAPACITANCE	53 pF/m	- BRAID	5,0 Ohm/Km
VELOCITY RATIO	84%	TENSION	
		- SHEATH	6,0 kV
		SPARK TESTING	

ATTENUATIONS dB/100 m.

5 MHz	0,9	135 MHz	4,4	750 MHz	11,3	2500 MHz	20,7
71,5 MHz	3,3	180 MHz	5,1	1000 MHz	12,9	3000 MHz	23,5
88,5 MHz	3,6	360 MHz	7,5	1500 MHz	16,4	6000 MHz	36,2

MAXIMUM TRANSMISSION DISTANCE CALCULATED - meters

SMPTE ST 259				SMPTE ST 292	SMPTE ST 424	SMPTE ST		
143 Mb/s	177 Mb/s	270 Mb/s	360 Mb/s	1,5 Gb/s	3,0 Gb/s	425-4	2081-1	2082-1
Composite NTSC	Composite PAL	Comp. 4:3 SD-SDI	Widescreen 16:9 SD-SDI	HD-SDI 1080i 1,5G-SDI	HD-SDI 1080p 3G-SDI	3,0 Gb/s	6,0 Gb/s	12,0 Gb/s
909	833	682	588	177	122	UHDTV1 UHDTV2		
						244	170	110

STRUCTURAL RETURN LOSS dB

30 ÷ 470 MHz	>31	3000 ÷ 4500 MHz	>19
470 ÷ 862 MHz	>26	4500 ÷ 6000 MHz	>15
862 ÷ 2150 MHz	>23	6000 ÷ 12000 MHz	-
2150 ÷ 3000 MHz	>20		

SCREENING EFFECTIVENESS dB EN 50117 STANDARD

5 ÷ 30 MHz	<5 mOhm/m
30 ÷ 1000 MHz	>95 dB
1000 ÷ 2000 MHz	>90 dB
2000 ÷ 3000 MHz	>80 dB

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