



# KOAX24 Litze24

KABELKONFEKTION

Bestellnummer / Ordernummer: 050283

## SAT 46962 ZH

BROADCASTING VIDEO CABLE

ANALOG, DIGITAL RECEPTION ( SDI-SDV-SDTI-HDTV )

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

Class CPR **E<sub>ca</sub>**

CATEGORY

**A**  
EN 50117

CU ø 1,00 mm	PEG ø 4,60 mm	LTA ø 4,70 mm	CS ø 5,20 mm	LSZH ø 6,95 mm
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A	B	C	D	E
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### MECHANICAL DATA

A	INNER CONDUCT.	PLAIN COPPER	ø 1,00 mm
B	DIELECTRIC	GAS INJECTED FOAM POLYETHYLENE	ø 4,60 ± 0,10 mm
C	SHIELD	ALUMINIUM + POLYESTER + ALUMINIUM TAPE	h. 18 mm
	- COVERAGE		100%
D	BRAID	TINNED COPPER	192 x 0,12 mm
	- COVERAGE		96%
E	SHEATH	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS	ø 6,95 ± 0,10 mm
	- COLOUR	BLACK - RAL 9004	
	- PRINTING	## METER ## SIVA SAT 46962 ZH HD PRO CABLE 75 OHM 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

TEMPERATURE RANGE -30 °C / +70 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	28,1
- PLASTIC	32,8
- TOTAL	62,6

### ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

### RESISTANCE

- INNER CONDUCT.	22,5 Ohm/Km
- BRAID	8,3 Ohm/Km

### TENSION

- SHEATH SPARK TESTING	4,5 kV
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### ATTENUATIONS dB/100 m.

5 MHz 1,5	470 MHz 13,2	1500 MHz 25,6
10 MHz 2,0	600 MHz 15,4	1750 MHz 27,6
50 MHz 4,3	800 MHz 17,7	2150 MHz 31,0
100 MHz 6,1	862 MHz 18,5	2400 MHz 33,1
200 MHz 8,7	1000 MHz 20,2	2750 MHz 35,9
300 MHz 10,5	1350 MHz 23,8	3000 MHz 38,0

### STRUCTURAL RETURN LOSS dB

30 ÷ 470	MHz	>33
470 ÷ 862	MHz	>31
862 ÷ 2150	MHz	>25
2150 ÷ 3000	MHz	>22

### SCREENING EFFECTIVENESS dB EN 50117 STANDARD

TRANSFER IMPEDANCE	5 ÷ 30	MHz	<5	mOhm/m
	30 ÷ 1000	MHz	>90	dB
	1000 ÷ 2000	MHz	>80	dB
	2000 ÷ 3000	MHz	>70	dB

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

Koax24 / Litze24 ist eine Marke der arnotec GmbH mit Sitz in Karlsruhe, Deutschland

Erreichbar unter [www.koax24.de](http://www.koax24.de) / [Litze24.de](http://Litze24.de) oder [arnotec.de](http://arnotec.de)

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