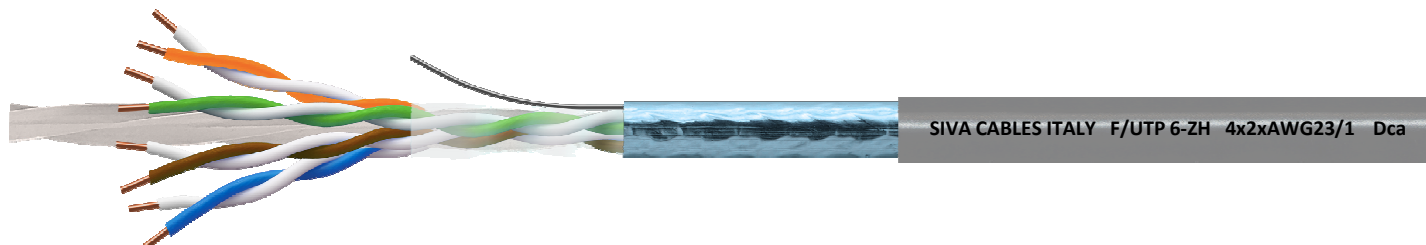


# F/UTP 6 - ZH 4x2xAWG23/1

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

LOCAL AREA NETWORK CABLE FOR DATA TRANSMISSION IN TWIN SYMMETRICAL PAIRS

<b>CU</b> 4 x ( 2 x $\varnothing$ 0,57 mm )	<b>PE</b> 4 x ( 2 x $\varnothing$ 1,10 mm )	<b>Pet-sp</b> h. 25 mm	<b>CS</b> $\varnothing$ 0,40 mm	<b>LAP</b> $\varnothing$ 6,20 mm	<b>LSZH</b> $\varnothing$ 7,60 mm
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SIVA CABLES ITALY F/UTP 6-ZH 4x2xAWG23/1 Dca

## MECHANICAL DATA

	A	B	C	D	E	F
<b>A INNER CONDUCTOR</b>	PLAIN COPPER					4 x ( 2 x $\varnothing$ 0,57 mm )
<b>B INSULATION</b>	LOW DENSITY POLYETHYLENE					4 x ( 2 x $\varnothing$ 1,10 mm )
- COLOUR	WHITE/BLUE - BLUE	WHITE/ORANGE - ORANGE				
	WHITE/GREEN - GREEN	WHITE/BROWN - BROWN				
<b>C NON-MIGRATING</b>	SPIRAL POLYESTER TAPE					h. 25 mm
<b>D DRAIN WIRE</b>	TINNED COPPER					$\varnothing$ 0,40 mm
<b>E SHIELD</b>	SPIRAL ALUMINIUM + POLYESTER TAPE					h. 20 mm
	COVERAGE					100%
<b>F SHEATH</b>	FLAME RETARDANT NON-CORROSIVE					$\varnothing$ 7,60 $\pm$ 0,30 mm
	THERMOPLASTIC FREE OF HALOGENS					
- COLOUR	<b>GREY - RAL 7001</b>					
- PRINTING	<b>## METER ## SIVA F/UTP 4x2x23AWG CATEGORY 6 CPR Dca</b>					
	<b>LSZH SHEATH CEI-UNEL 36762 C-4 ( U<sub>0</sub> = 400 V. )</b>					

### MINIMUM BENDING RADIUS ( mm )

- INSTALLATION	35 mm
- OPERATING	70 mm
<b>TEMPERATURE RANGE</b>	-15 °C / +70 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	19,5
- PLASTIC	32,8
- TOTAL	56,0

## ELECTRICAL PROPERTIES at 20°C

<b>IMPEDANCE ( @ 100 MHz )</b>	100 $\pm$ 10 Ohm	<b>RESISTANCE</b>	
<b>CAPACITANCE ( @ 800 Hz )</b>	48 pF/m	- DC CONDUCTOR	80 Ohm/Km
<b>VELOCITY RATIO</b>	69%	- LOOP	160 Ohm/Km
<b>COUPL. ATTN. ( 30÷100 MHz )</b>	>45 dB	- INSULATION ( 500 V )	>5000 Mohm/Km
<b>SCREENING EFFECTIVENESS</b>	>50 dB	<b>SHEATH INSULATION VOLTAGE</b>	1 kV

## TRANSMISSION PROPERTIES at 20°C

	ATTENUATIONS dB/100 m.	RL dB	NEXT dB	ACR-N dB/100 m.	TRANSFER IMPEDANCE Mohm/m.
1 MHz	1,8	25,0	100,0	98,2	<35
10 MHz	5,4	25,0	80,0	74,6	<45
20 MHz	7,7	25,0	70,0	62,3	-
31,2 MHz	9,6	25,0	65,0	55,4	<110
62,5 MHz	13,7	25,0	60,0	43,3	-
100 MHz	17,4	25,0	60,0	42,6	<150
155,5 MHz	21,9	25,0	55,0	33,1	-
200 MHz	25,0	20,0	55,0	30,0	-
250 MHz	28,1	20,0	50,0	21,9	-
300 MHz	30,8	20,0	45,0	14,2	-

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