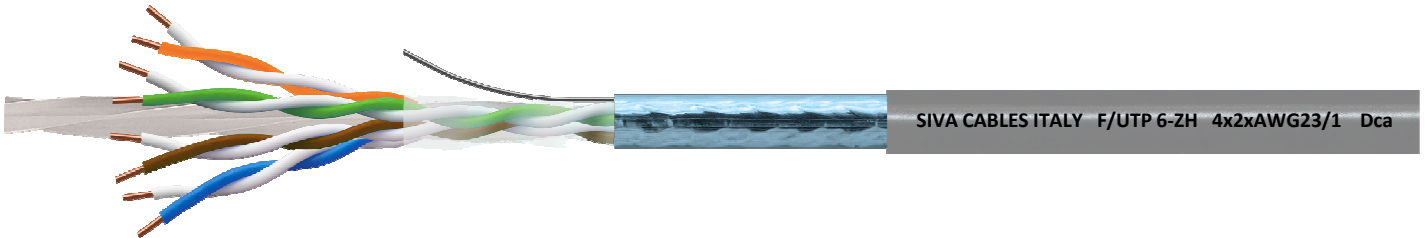


F/UTP 6 - ZH 4x2xAWG23/1

Class CPR **D_{ca}**

LOCAL AREA NETWORK CABLE FOR DATA TRANSMISSION IN TWIN SYMMETRICAL PAIRS

CU 4 x (2 x ø 0,57 mm)	PE 4 x (2 x ø 1,10 mm)	Pet-sp h. 25 mm	CS ø 0,40 mm	LAP ø 6,20 mm	LSZH ø 7,60 mm
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SIVA CABLES ITALY F/UTP 6-ZH 4x2xAWG23/1 D_{ca}

MECHANICAL DATA

	A	B	C	D	E	F
A INNER CONDUCTOR	PLAIN COPPER	4 x (2 x ø 0,57 mm)				
B INSULATION	LOW DENSITY POLYETHYLENE	4 x (2 x ø 1,10 mm)				
- COLOUR	WHITE/BLUE - BLUE	WHITE/ORANGE - ORANGE				
	WHITE/GREEN - GREEN	WHITE/BROWN - BROWN				
C NON-MIGRATING	SPIRAL POLYESTER TAPE	h. 25 mm				
D DRAIN WIRE	TINNED COPPER	ø 0,40 mm				
E SHIELD	SPIRAL ALUMINIUM + POLYESTER TAPE	h. 20 mm				
	COVERAGE	100%				
F SHEATH	FLAME RETARDANT NON-CORROSIVE	ø 7,60 ± 0,30 mm				
	THERMOPLASTIC FREE OF HALOGENS					
- COLOUR	GREY - RAL 7001					
- PRINTING	METER SIVA CAVI F/UTP CAT6 4x2x23AWG					
	ISO / IEC 11801, EIA / TIA 568, EN-50173, EN 60332-1-2, EN 50399					
	CEI-UNEL 36762 C-4(Uo=400V) D_{ca}					

MINIMUM BENDING RADIUS (mm)

- INSTALLATION	35 mm
- OPERATING	70 mm

CABLE WEIGHT (Kg/Km)

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

TEMPERATURE RANGE -15 °C / +70 °C

ELECTRICAL PROPERTIES at 20°C

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