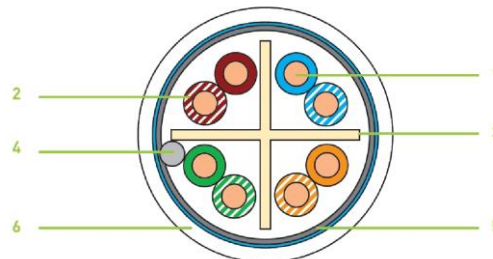


REF: FXP6SH

Câble 100 Ω - F/UTP 4 pairs - Cat 6 – 250 MHz – LSZH

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1. **Core:** Solid bare copper AWG23/1
2. **Insulation :** Polyethylene
3. **Central element:** White or transparent thermoplastic cross
4. **Ground drain:** Single-stranded tinned copper
5. **Shielding:** Aluminium/Polyester strip; 100% coverage
6. **Outer sheath:** LSZH - colour white RAL 9003



FxP6SH

Applications

This shielded F/UTP (Foiled twisted pairs) cable, which can be used in a horizontal or vertical configuration (Rocade), forms the basis of a very high speed V.D.I. (Voice-Data-Image) network.

Its shielding allows it to be used in a disturbed environment and ensures that it operates correctly up to 250 Mhz. Its internal structure ensures that it has wide margins with all current standards.

This cable is used for the transmission of digital and analogue signals for voice, data and video links.

Applications réseaux supportés :

- RNIS
- ETHERNET 10 Base T - Ethernet
- TOKEN RING 4/16 Mbits
- ETHERNET 100 Base Tx, 100 Base T4 - Fast Ethernet
- ETHERNET 1000 Base T - Gigabit Ethernet
- 100 VG-AnyLAN
- TP-PMD/TP-DDI
- ATM 155, 622Mbits/s et 1,2Gbits/s
- IEEE 802.3 af - Alimentation par Ethernet

Standards

Standards	
CÂBLE	IEC 61156-5
SYSTEM	ISO 11801 Edition 2 – CLASS E

REF: FXP6SH

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Electrical characteristics		Physical characteristics	
Linear electrical resistance :	$\leq 95 \Omega / \text{Km}$	Fire resistance :	IEC 60332-1 / NF C32-070 C2
Mutual capacity (name) :	52 pF / m	LSZH :	IEC 61034 / IEC 60754-1 & -2
Characteristic impedance :	100 Ω	Temperature resistance :	- 20° C / + 70° C
Speed of propagation :	66 %	Minimum bending radius :	8 x diamètre câble
		Compliant with the Directive :	RoHS

Transmission performance @20°C												
Freq (MHZ)	ATTENUATION (dB/100m)		NEXT (dB)		PS NEXT (dB)		ELFLEX (dB/100m)		PSELFLEX (dB/100m)		RETURN LOSS (dB)	
	(*)Standard	IDC	Standard	IDC	Standard	IDC	Standard	IDC	Standard	IDC	Standard	IDC
4	3.8	3.5	66.3	69	63.3	67	55.8	67	52.8	64	23.0	25
10	6.0	5.5	60.3	63	57.3	62	47.8	60	44.5	57	25.0	28
16	7.6	6.9	57.2	60	54.2	58	43.7	66	40.7	63	25.0	28
31.25	10.7	9.8	52.9	55	49.9	53	37.9	51	34.9	48	23.6	27
62.5	15.5	13.9	48.4	51	45.4	49	31.9	43	29.1	40	21.5	25
100	19.9	17.5	45.3	48	42.3	47	27.8	40	24.8	37	20.1	25
200	29.1	25.3	40.8	44	37.8	52	21.8	34	18.8	31	18.0	24
250	33.0	28.3	39.3	42	36.3	41	19.8	27	16.8	24	17.3	23

(*)Standard : The following values IEC 61156-5

Article data

	Pairs	AWG	Øext (mm)		
F4P6SH	4	23/1	7.0	43	T500 m
F4P6SHB	4	23/1	7.0	43	Box 305m
F8P6SH	2x4	23/1	7.0 x 14.2	102	T500 m