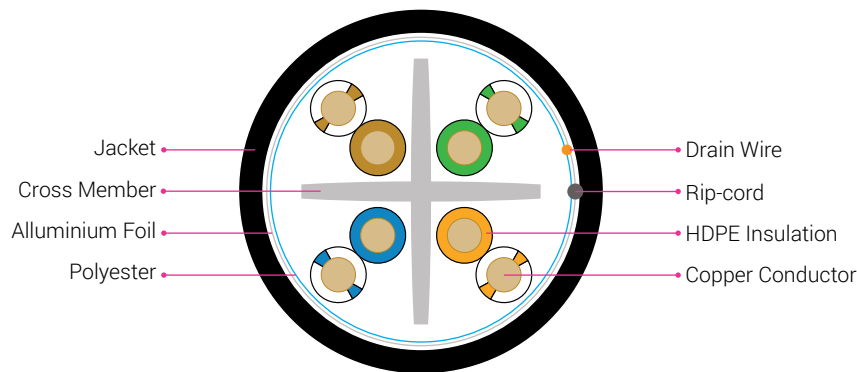


HUBNETIX Category 6

F/UTP 4 Pair 23 AWG Cable



Product Description

- Reference standard : UL444, UL1581
- Bare solid copper conductor
- RoHS/Reach complied PVC or PE or LSZH jacket
- Complies to ANSI/TIA-568-C.2, ISO/IEC 11801, EN50173 & IEC61156-5
- Installation temperature : -30°C ~ +50°C
- Minimum bending radius : 8D

Application

- 100 Base - TX
- 100VG - AnyLAN
- 1000 Base - T (Gigabit ethernet)
- ATM
- Noisy environments

Electrical Specifications

Frequency MHz	Impedence ohm	RL ≥dB	Attenuation ≤dB / 100m	NEXT ≥dB / 100m	ELFEXT ≥dB / 100m	PS NEXT ≥dB / 100m	PS ELFEXT ≥dB / 100m	Delay Skew ns / 100m	NVP
1	100 ± 15	20.0	1.9	74.3	67.8	72.3	64.8	≤45	68%
4		23.0	3.7	65.3	61.8	63.3	52.8		
8		24.5	5.3	60.3	55.7	58.8	46.7		
10		25.0	5.9	59.3	53.8	57.3	44.8		
16		25.0	7.5	56.3	49.7	54.3	40.7		
20		25.0	8.4	54.8	47.8	52.8	38.7		
25		24.3	9.5	53.4	45.8	51.4	36.8		
31.25		23.6	10.6	51.9	43.9	49.9	34.9		
62.5		21.5	15.4	47.4	37.9	45.4	28.8		
100		20.1	19.8	44.3	33.8	42.3	24.8		
155		18.8	25.1	41.4	27.8	39.4	20.9		
200		18.0	29.0	39.8	25.8	37.8	18.7		
250		17.3	32.8	38.3	24.3	36.3	16.8		
300		16.8	36.4	37.1	22.9	35.1	15.2		
*350		100 ± 20	16.3	39.8	36.1	21.8	34.1		
*400	15.9		43.0	35.3	20.7	33.7	12.7		
*450	100 ± 22	15.5	46.3	34.5	19.8	32.5	11.7		
*500		15.2	48.9	33.8	19.0	31.8	10.8		
*550		14.9	51.8	33.2	18.2	31.2	9.9		

*Reference values

Cable Construction

Item Number	Construction	Conductor AWG	Nominal Insulation ØMM	No. of Pairs	Nominal Cable OD.	Type of Jacket	Remark
HLZ-C6F0423A-XX	F/UTP	23	1.09	4	7.3	PVC / PE / LSZH	250MHZ
HLZ-C6F0423B-XX	F/UTP	23	1.09	4	7.3	PVC / LSZH	550MHZ

*XX=01(for PVC);XX=02(for PE);XX=03(for LSZH)

HUBNETIX CORPORATION
71-75, Shelton Street, London, UK.
www.hubnetix.com

The dimensions and specifications in this document are for reference purposes only and are subject to change without notice. Consult HUBNETIX Corp. for the latest dimensions and design specifications.

