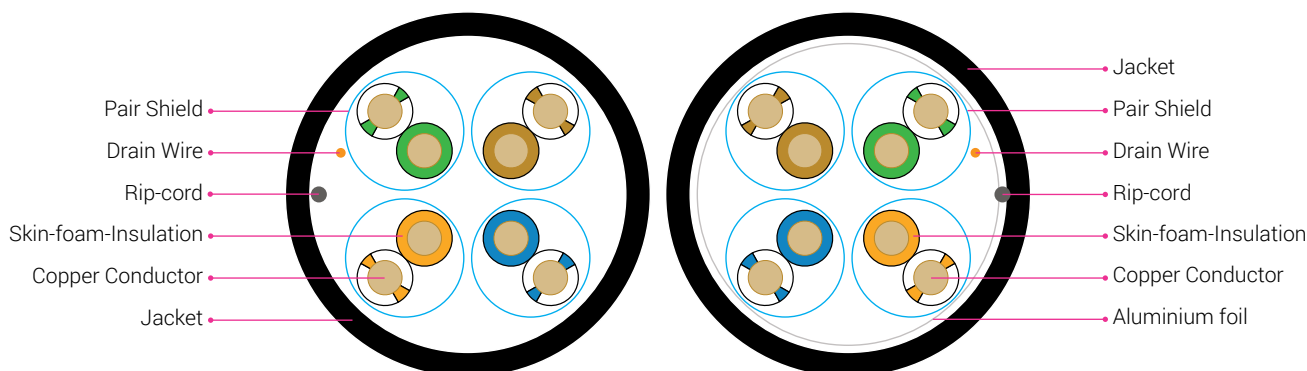


HUBNETIX Category 6A

U/FTP & F/FTP 4 Pair 23 AWG Cable



Product Description

- Reference standard : UL444, UL1581
- Bare solid copper conductor
- Pair shield with aluminium foil
- RoHS/Reach complied PVC 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

- VoIP / ISDN / Token
- 100M TP-PDM
- Analog and digital video
- TR-16 active and passive
- 155M / 622M / 1.2GATM
- IEEE 802.3: 10Base - T; 100Base - T; 1000Base - T; 10GBase - T

Electrical Specifications

Frequency MHz	Impedance ohm	RL ≥dB	Attenuation ≤dB / 100m	NEXT ≥dB / 100m	ELFEXT ≥dB / 100m	PS NEXT ≥dB / 100m	PS ELFEXT ≥dB / 100m	Delay Skews ns / 100m	NVP
1	100 ± 15	20.0	1.9	74.3	68.0	72.3	65.0	≤45	76%
4		23.0	3.7	65.0	56.0	63.3	53.0		
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25.0	5.9	59.0	48.0	57.3	45.0		
16		25.0	7.5	56.0	43.9	54.2	40.9		
20		25.0	8.4	55.0	42.0	52.8	39.0		
25		24.3	9.5	53.3	40.0	41.3	37.0		
31.25		23.6	10.6	52.0	38.1	49.9	35.1		
62.5		21.5	15.4	47.0	32.1	45.4	29.1		
100		20.1	19.8	44.0	28.0	42.3	25.0		
200		18.0	29.0	40.0	22.0	37.8	19.0		
250		17.3	32.8	38.3	20.0	36.3	17.0		
300		16.8	36.4	37.1	18.5	34.1	15.5		
500		100 ± 22	15.2	48.9	33.8	14.0	30.8		

Cable Construction

Item Number	Construction	Conductor AWG	Nominal Insulation Ømm	No. of Pairs	Nominal Cable OD.	Type of Jacket	Remark
HLZ-6AD0423A-01	F/FTP	23	1.35	4	7.5	PVC	*
HLZ-6AC0423B-01	U/FTP	23	1.35	4	7.5	PVC	*
HLZ-6AD0423C-03	F/FTP	23	1.33	4	7.5	LSZH	*
HLZ-6AC0423D-03	U/FTP	23	1.33	4	7.3	LSZH	*

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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.

