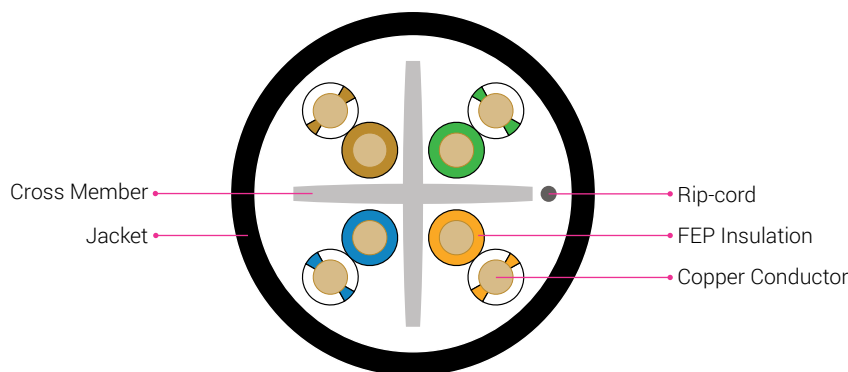


HUBNETIX Category 6

U/UTP 4 Pair 23 AWG CMP PVC Cable



Product Description

- Reference standard : UL444, UL910
- Bare solid copper conductor
- RoHS/Reach complied PVC jacket
- Complies to ANSI/TIA-568-C.2, ISO/IEC 11801
- Flame : CMP
- Installation temperature : -30°C ~ +50°C
- Minimum bending radius : >4P 4D

Application

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

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	67.8	72.3	64.8	≤45	68%
4		23.0	3.7	65.3	55.8	63.3	57.7		
10		25.0	5.9	59.3	47.8	57.3	44.8		
16		25.0	7.5	56.3	43.7	54.3	40.7		
20		25.0	8.4	54.8	41.8	52.8	38.7		
31.25		23.6	10.6	51.9	37.9	49.9	34.9		
62.5		21.5	15.4	47.4	31.9	45.4	28.8		
100		20.1	19.8	44.3	27.8	42.3	24.8		
155		18.8	25.1	41.4	23.9	39.4	20.9		
200		18.0	29.0	39.8	21.8	37.8	18.7		
250	17.3	32.8	38.3	19.8	36.3	16.8			
*350	100 ± 20	16.3	39.8	36.1	16.9	34.1	13.9	≤45	68%
*400		15.9	43.0	35.3	15.7	33.7	12.7		
*450	100 ± 22	15.5	46.3	34.5	14.7	32.5	11.7		
*500		15.2	48.9	33.8	13.8	31.8	10.8		
*550		14.9	51.8	33.2	12.9	31.2	9.9		

*Reference values

Cable Construction

Item Number	Construction	Conductor AWG	Insulation Material	Nominal Insulation ØMM	No. of Pairs	Nominal Cable OD.	Type of Jacket	Remark
HLZ-C6U0423E-04	U/UTP	23	FEP	0.95	4	5.8	CMP PVC	250MHZ
HLZ-C6U0423F-04	U/UTP	23	FEP	1.00	4	6.0	CMP PVC	250MHZ
HLZ-C6U0423G-04	U/UTP	23	FEP	1.00	4	6.0	CMP PVC	550MHZ

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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.

