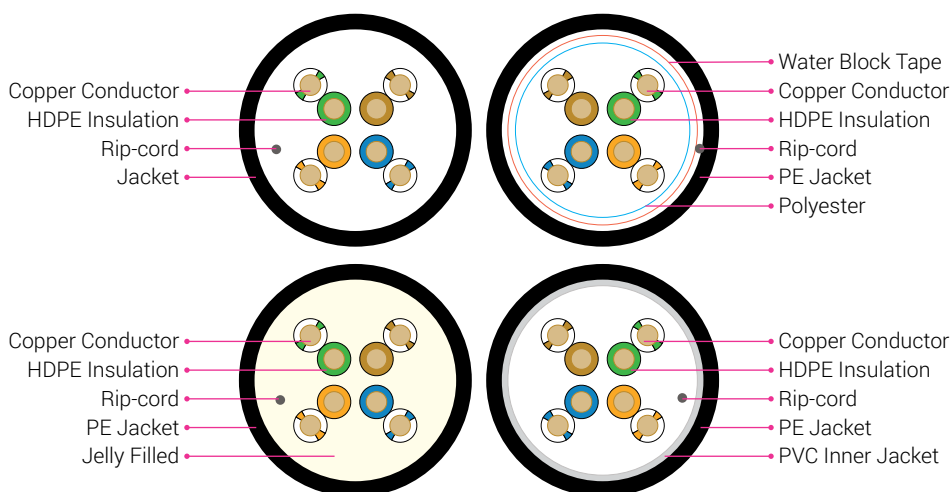


HUBNETIX Category 5e

U/UTP 4 Pair 24 AWG Cable



Product Description

- Reference standard : UL444, UL1581
- Bare solid copper conductor
- RoHS/Reach complied PVC , PE , LSZH jacket
- Complies to ANSI/TIA-568-C.2, ISO/IEC 11801
- Installation temperature : -30°C ~ +50°C
- Minimum bending radius : >4P 4D

Application

- 100 Base - TX
- 100 Base - T4
- 100VG - AnyLAN
- 1000 Base - T (Gigabit ethernet)
- ATM

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	NVP
1	100 ± 15	20.0	2.0	65.3	63.8	62.3	60.8	68%
4		23.0	4.1	56.3	51.7	53.3	48.7	
10		25.0	6.5	50.3	43.8	47.3	40.8	
16		25.0	8.2	47.3	39.7	44.2	36.7	
20		25.0	9.3	48.5	37.7	42.8	34.7	
31.25		23.6	11.6	42.9	33.9	39.9	30.9	
62.5		21.5	17.0	38.4	27.8	35.4	24.8	
100	100 ± 18	20.1	22.0	35.3	23.8	32.3	20.8	
*155		18.8	28.1	32.4	20.2	29.4	17.2	
*200		18.0	32.4	30.8	18.0	27.8	15.0	
*310	100 ± 22	16.7	41.8	27.9	14.2	24.9	11.2	
*350		16.3	44.9	27.1	13.1	24.1	10.1	

*Reference values

Cable Construction

Item Number	Construction	Conductor AWG	Nominal Insulation Ømm	No. of Pairs	Nominal Cable OD.	Type of Jacket	Remark
HLZ-5EU0424A-XX	U/UTP	24	0.89	4	5.1 / 5.4	PVC / PE / LSZH	100MHz
HLZ-5EU0424B-02	U/UTP	24	1.01	4	6.0	PE	Jelly Filled 100MHz
HLZ-5EU0424C-02	U/UTP	24	0.95	4	6.5	PE	WaterBlockTape 100MHz
HLZ-5EU0424D-05	U/UTP	24	0.90	4	6.3	PVC + PE	100MHz
HLZ-5EU0424E-XX	U/UTP	24	0.91	4	5.3	PVC / LSZH	350MHz

*XX=01(for PVC);XX=02(for PE);XX=03(for LSZH);XX=05 (for PVC + PE)

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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.

