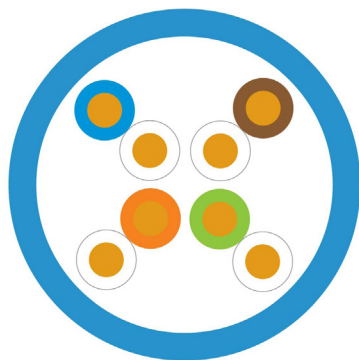


Cat 5e U/UTP Plenum Rated Cable

APPLICATION

These Cat 5e UTP Cables are designed for horizontal network and voice applications in a structured cabling network to connect between the user outlet and horizontal cross-connect.



BENEFITS

- Universally accepted design for global commercial network installations
- Simplified structured cabling solution preserving long-term network investment
- Supports most data and voice applications

FEATURES

- Cost effective, compact design
- Jacketed with flame-retardant polymer
- Third-party verified Cat 5e performance

STANDARDS & REGULATIONS

- ANSI/TIA 568.2-D
- ISO/IEC 11801
- EN 50173-1 Class D
- IEC 61156-5
- IEEE 802.3 PoE Type 1, 2, 3, 4 (100 watts max)
- Cisco UPOE, UPOE+ (90 watts max)
- Power over HDBaseT™ PoH (95 watts max)
- UL 444
- RoHS 2 Compliant

FIRE RATING

- Plenum - NEFPA 262, CMP/FT6
- UL Listed

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

For Leviton product warranties, go to leviton.com/ns/warranty

PRODUCT SPECIFICATIONS
UTP5P-MxB

TECHNICAL SPECIFICATIONS

Electrical properties (20 °C ± 5 °C)

DC resistance	Max. 9.38 Ω/100 m
DC resistance unbalance	Max. 5%
Mutual capacitance	Nom. 5.2 nf/100 m at 1 kHz
Capacitance unbalance (pair-to-ground)	Max. 330 pf/100 m at 1 kHz
Nominal velocity of propagation	66%
Delay skew	45 ns/100 m max.

CHARACTERISTICS

Dimensional Characteristics

Length per reel	305 m
Number of pairs	4

Usage Characteristics

Field of application	Indoor
Category	Cat 5e
Type of cable	U/UTP
Outer jacket	CMP/FT6
Temperature (Installation):	0 °C to +50 °C
Temperature (Operating):	-20 °C to +75 °C
Temperature (Storage):	-20 °C to +60 °C

HIGH SPEED DATA AND POWER APPLICATIONS

IEEE 802.3	2.5/5GBASE-T (2.5/5 Gb/s), 1000BASE-T (1 Gb/s), 100BASE-TX (100 Mb/s), 10BASE-T (10 Mb/s)
IEEE 802.3	PoE Types 1, 2, 3, and 4

TECHNICAL DATA - PHYSICAL

Conductor	24 AWG bare copper
Insulator	Thermoplastic
Max conductor diameter - mm	0.51
Max insulated conductor diameter - mm	0.97
Nom. cable diameter - mm	5.33
Nom. cable weight - kg/km	36.9
Max. installation tension - N	110
Min. bend radius - mm	25.4

COLOR CODE

Pair-1	White	Blue
Pair-2	White	Orange
Pair-3	White	Green
Pair-4	White	Brown

PRODUCT SPECIFICATIONS
UTP5P-MxB



UTP5P-MxB

GUARANTEED PRODUCT PERFORMANCE TRANSMISSION CHARACTERISTICS

Freq. MHz	RL (dB)		NEXT (db)		PS NEXT (dB)		ACR (dB/100 m)*		PSACR (dB/100 m)*	
	TIA Spec	Product Guarantee	TIA Spec	Product Guarantee	TIA Spec	Product Guarantee	TIA Spec	Product Guarantee	TIA Spec	Product Guarantee
1	20.0	20.0	65.3	66.3	62.3	62.3	63.3	64.3	60.3	60.3
4	23.0	23.0	56.3	57.3	53.3	53.3	52.2	53.2	49.2	49.2
10	25.0	25.0	50.3	51.3	47.3	47.3	43.8	44.8	40.8	40.8
16	25.0	25.0	47.2	48.2	44.2	44.2	39.0	40.0	36.0	36.0
20	25.0	25.0	45.8	46.8	42.8	42.8	36.5	37.5	33.5	33.5
31.25	23.6	23.6	42.9	43.9	39.9	39.9	31.2	32.2	28.2	28.2
62.5	21.5	21.5	38.4	39.4	35.4	35.4	21.4	22.4	18.4	18.4
100	20.1	20.1	35.3	36.3	32.3	32.3	13.3	14.3	10.3	10.3

GUARANTEED PRODUCT PERFORMANCE TRANSMISSION CHARACTERISTICS, CONTINUED

Freq. MHz	IL (dB/100 m)		ACRF (dB/100 m)		PSACRF (dB/100 m)	
	TIA Spec	Product Guarantee	TIA Spec	Product Guarantee	TIA Spec	Product Guarantee
1	2.0	2.0	63.8	63.8	60.8	60.8
4	4.1	4.1	51.8	51.8	48.8	48.8
10	6.5	6.5	43.8	43.8	40.8	40.8
16	8.2	8.2	39.7	39.7	36.7	36.7
20	9.3	9.3	37.8	37.8	34.8	34.8
31.25	11.7	11.7	33.9	33.9	30.9	30.9
62.5	17.0	17.0	27.9	27.9	24.9	24.9
100	22.0	22.0	23.8	23.8	20.8	20.8

PART NUMBERS

Description	Part No.
Cat 5e U/UTP Cable, plenum rated, blue, 305-meter reel in a box	210-UTP5P-MLB
Cat 5e U/UTP Cable, plenum rated, white, 305-meter reel in a box	212-UTP5P-MWB

PRINT LEGEND:

Leviton CAT 5e LAN Cable CMP 24 AWG 4PR 75C UTP E146107-F C(UL)US --- FT6, UTP5P-xxx ETL VERIFIED TO ANSI/TIA-568.2-D CAT 5e & ISO/IEC 11801 CAT5 *DMWVYP (SEQ#) METERS NVP 66.0 COUNTRY OF ORIGIN: UNITED STATES

For further support information, visit leviton.com/ns/support

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