

INTERNATIONAL SYSTEM DATA SHEET

EXTREME® CAT 5E UTP SYSTEM

Cat 5e performance with the advantage of LANmark-350™ cable and component-rated connectivity

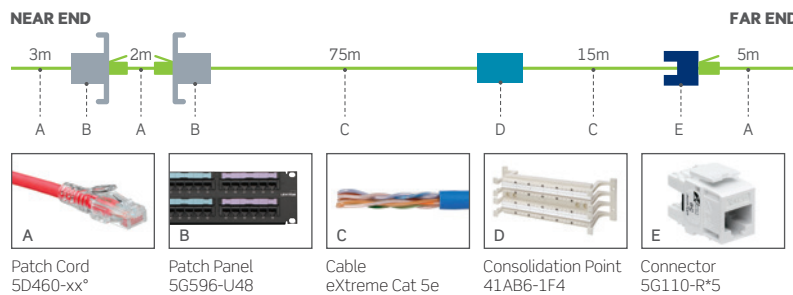
- Exceeds ANSI/TIA-568-C.2 Cat 5e and ISO/IEC 11801 Class D requirements for channel, link, and component performance to support IEEE 1000BASE-T networks
- Third-party verified by Intertek Testing Services (ETL)
- Increases network efficiency and uptime with lower bit error rates
- Independently verified margin ensures consistent performance

TYPICAL * SYSTEM PERFORMANCE

EXTREME CAT 5E UTP SYSTEM CHANNEL MARGINS*							
Insertion Loss	NEXT	PSNEXT	ACR-F (ELFEXT)	PSACR-F (PSELFEXT)	Return Loss	ACR-N	PSACR-N
10%	8 dB	9 dB	10 dB	10 dB	6 dB	10 dB	12 dB

*All parameters comply with ANSI/TIA-568-C.2 Cat 5e and ISO/IEC 11801 Class D requirements across the entire frequency range. All values represent typical margins for 9- to 100-meter channel configurations. System performance is representative of the specific components and topologies as listed on this system data sheet. Typical margin is based on third-party lab verified testing, in-house testing and field test data. Field-installed channel margins may vary based on the accuracy of the handheld tester, system design and installation practices. Only Leviton approved testers may be used. All stated performance specifications are subject to the terms and conditions of the manufacturers warranties. Details at www.leviton.com.

SYSTEM TOPOLOGY



RECOMMENDED FOR

- 1000BASE-T network application
- Horizontal data and voice applications
- Networks with high bandwidth utilization requirements
- Large enterprises

5e CAT

eXtreme





LEVITON CONNECTORS

EXTREME® CAT 5E COMPONENT-RATED QUICKPORT® CONNECTORS

- Exceed requirements for Category 5e described in ANSI/TIA-568-C.2 and Class D requirements described in ISO/IEC 11801
- Patented Retention Force Technology protects tines from damage from 4- or 6-pin plugs
- Circuit board technology for high-frequency operation
- Gas-tight insulation displacement contacts provide excellent conductor retention and resistance to surface-contact oxidation for life of the system
- Pair Separation Tower design facilitates separation of conductors and minimizes untwisting
- Patented dual-layer wiring label simplifies punchdown and reduces rework
- 90 or 180 degree bi-directional entry eases cable bend radius in back boxes
- Proudly manufactured in the U.S.



LEVITON PATCH PANELS

CAT 5E 110-STYLE AND QUICKPORT PATCH PANELS

- Exceed requirements for Category 5e described in ANSI/TIA-568-C.2 and Class D requirements described in ISO/IEC 11801
- Available in 110-Style and QuickPort flat, angled, recessed angled, recessed, and Zero-U configurations in 12-96 port counts
- Gas-tight insulation displacement contacts provide excellent conductor retention and resistance to surface-contact oxidation for life of the system
- Include color codes for T568A/B wiring schemes

LEVITON PATCH CORDS

EXTREME CAT 5E SLIMLINE PATCH CORDS

- ETL Verified for TIA Cat 5e component requirements
- 24-gauge stranded for maximum flexibility and extended flex life
- Nominal outer diameter of .22" to reduce cable pathway congestion in racks and cabinets
- SlimLine plug supports high-density patching and easy extraction with extended-reach latch release
- Made-to-order custom lengths are available with quick turn-around times



LEVITON CABLE

EXTREME CAT 5E UTP CABLE

- Supports 10BASE-T, 100BASE-T, and 1000BASE-T Ethernet
- Independently tested and verified to exceed ANSI/TIA-568-C.2 Cat 5e, IEEE 802.3 1000 BASE-T, and ISO/IEC 11801 Class D standards
- Supports IEEE 802.3af (PoE) and 802.3at (PoE+) applications
- Available in Plenum, Riser, and CM cable jackets

PART NUMBERS - Common part numbers shown. Many additional colors, lengths, and other options available online.

LEVITON CONNECTORS

eXtreme Cat 5e Component-Rated QuickPort Connector 5G110-R*5

LEVITON PATCH PANELS

	1RU 24-PORT	1RU 48-PORT	2RU 48-PORT	2RU 72-PORT
Cat 5e Flat 110-Style Patch Panel	5G596-U24		5G596-U48	
Cat 5e Angled 110-Style Patch Panel	5G597-U24		5G597-U48	
Flat QuickPort Patch Panel+	49255-H24	49255-Q48	49255-H48	49255-D72
Angled QuickPort Patch Panel+	49256-H24	49256-D48	49256-H48	49256-D72

LEVITON 110-STYLE WALL-MOUNT WIRING BLOCK KIT

110-Style Wiring Block, wall mount w/legs and C-4 clips[†] 96-PAIR 41AB6-1F4

LEVITON PATCH CORDS

eXtreme Cat 5e SlimLine Patch Cord 5D460-xx*

LEVITON CABLE	CANADA	LATIN AMERICA	EUROPE	AFRICA	MIDDLE EAST	INDIA	KOREA	ASIA
eXtreme Cat 5e UTP Cable, CM Rated, blue~		290-UTP5M-MLB	290-UTP5M-MLB	290-UTP5M-MLB	290-UTP5M-MLB	290-UTP5M-MLB	102-UTP5M-MLS	290-UTP5M-MLB
eXtreme Cat 5e UTP Cable, Plenum Rated, blue	210-UTP5P-MLB	210-UTP5P-MLB			210-UTP5P-MLB			
eXtreme Cat 5e UTP Cable, Riser Rated, blue	290-UTP5R-MLB	290-UTP5R-MLB			290-UTP5R-MLB			

* = Color: White (W), Lt. Almond (T), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Grey (G), Black (E), Brown (B)

+ = Sold empty, load with 5G110 connectors ~ = For consolidation point, legs are non-removable and not sold separately xx = Length: 3, 5, 7, 10 feet

* = Color: White (W), Yellow (Y), Blue (L), Green (G), Grey (S) ~ = Sold in 305-meter reel in a box, additional colors available, please visit Leviton.com/cable for details