

SYSTEM DATA SHEET — INTERNATIONAL

EXTREME® CAT 5E UTP SYSTEM

Cat 5e performance with the advantage of component-rated connectivity

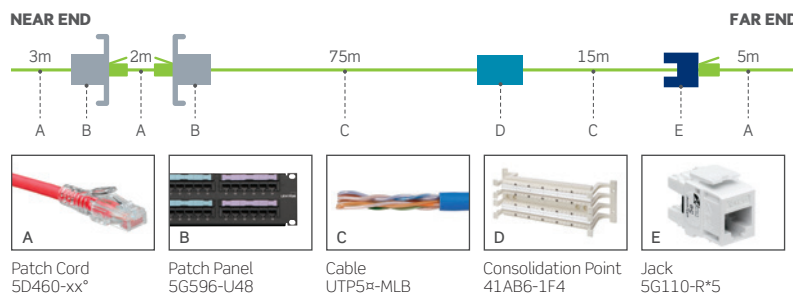
- Exceeds ISO/IEC 11801-1 Class D and ANSI/TIA-568.2-D Cat 5e requirements for channel, link, and component performance to support IEEE 1000BASE-T networks
- Third-party tested and verified
- Increases network efficiency and uptime with lower bit error rates

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-568.2-D Cat 5e and ISO/IEC 11801-1 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 applications
- Horizontal data and voice applications
- Networks with high bandwidth utilization requirements
- Large enterprises
- PoE standards: IEEE 802.3af, 802.3at, 802.3bt (Type 3), and Cisco UPoE up to 60 watts





JACKS

EXTREME® CAT 5E COMPONENT-RATED QUICKPORT® JACKS

- Exceed requirements for Category 5e described in ANSI/TIA-568.2-D and Class D requirements described in ISO/IEC 11801-1
- Patented Retention Force Technology™ protects against time damage and maintains contact force between plug and jack, preventing arcing from intermittent disconnects in PoE applications
- 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
- Supports Power over Ethernet (PoE) —see individual product specifications sheets for full capabilities
- Proudly manufactured in the U.S.



PATCH PANELS

CAT 5E 110-STYLE AND QUICKPORT PATCH PANELS

- 110-style panels exceed requirements for Category 5e described in ANSI/TIA-568.2-D and Class D requirements described in ISO/IEC 11801-1
- 110-Style available in flat and angled
- QuickPort available in flat, angled, recessed, and Zero-U configurations
- 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



PATCH CORDS

EXTREME CAT 5E SLIMLINE BOOT PATCH CORDS

- Tested and verified for TIA Cat 5e component requirements
- 24-gauge stranded for maximum flexibility and extended flex life
- Nominal outer diameter of 5.6 mm (.22") to reduce cable pathway congestion in racks and cabinets
- SlimLine boot supports high-density patching and easy extraction with extended-reach latch release
- Make-to-order custom lengths are available



CABLE

CAT 5E U/UTP CABLE

- Supports 10BASE-T, 100BASE-T, and 1000BASE-T Ethernet
- Independently tested and verified to exceed ANSI/TIA-568.2-D Cat 5e, and ISO/IEC 11801-1 Class D standards
- Available in Plenum, Riser, LSHF/LSZH, and CM cable jackets
- Available in IEC 60332-1 flame rating

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

JACKS							
eXtreme Cat 5e Component-Rated QuickPort Jack							5G110-R*5
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			
110-STYLE WALL-MOUNT WIRING BLOCK KIT							
Cat 6 110-Style Wiring Block Kit, includes 96-pair block with legs, labels, and 24 C-4 clips*							96-PAIR 41AB6-1F4
PATCH CORDS							
eXtreme Cat 5e SlimLine Boot Patch Cord							5D460-xx°
CABLE	CANADA	LATIN AMERICA	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	102-UTP5M-MLB	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			
Cat 5e UTP Cable, LSHF/LSZH, blue~		100-UTP5Z-MLB		100-UTP5Z-MLB	100-UTP5Z-MLB	100-UTP5Z-MLB	100-UTP5Z-MLB

* = Color: White (W), Lt. Almond (T), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Gray (G), Black (E), Brown (B)
 + = Sold empty, load with 5G110 jacks ^ = 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), Gray (S)
 ~ = Cable Type: CM (M), Plenum (P), Riser (R), LSHF/LSZH (Z)
 ~ = Sold in 305-meter box, additional colors available, please visit Leviton.com/cable for details