

SYSTEM DATA SHEET — EUROPE

EXTREME® CAT 5E UNSHIELDED SYSTEM

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

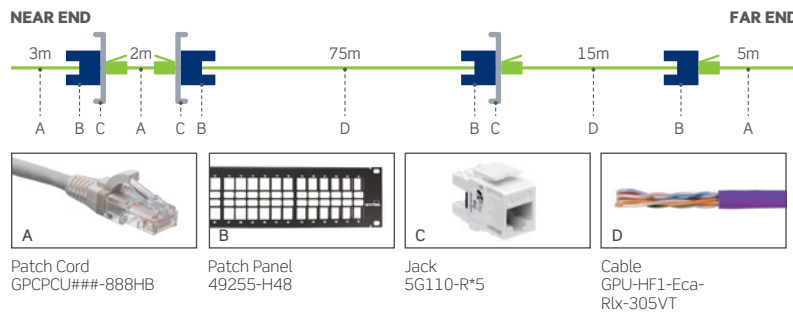
- Exceeds ISO/IEC 11801-1 Class D and ANSI/TIA-568.2-D Cat 5e requirements for channel, link, and component performance to support IEEE 1000BASE-T networks
- Increases network efficiency and uptime with lower bit error rates
- Leviton System Verification Lab tested ensuring consistent performance

TYPICAL* SYSTEM PERFORMANCE PARAMETERS

EXTREME CAT 5E UNSHIELDED SYSTEM CHANNEL TYPICAL MARGINS*								
	Insertion Loss	NEXT	PSNEXT	ACR-F (ELFEXT)	PSACR-F (PS ELFEXT)	Return Loss	ACR-N	PSACR-N
Standard (100MHz)	24.1 dB	30.1 dB	27.1 dB	17.4 dB	14.4 dB	10.0 dB	N/A	N/A
Typical Performance Margin	10%	8.0 dB	9.0 dB	10.0 dB	10.0 dB	6.0 dB	10.0 dB	12.0 dB

*All parameters comply with ISO/IEC 11801-1 Class D requirements across the entire frequency range. System performance is representative of the specific components and topologies as listed on this system data sheet. Typical performance values are based on third-party lab verified testing, in-house testing and field test data. Field installed channel performance may vary based on the channel topology, installation practices, installation environment and accuracy of the handheld tester. 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 QUICKPORT PATCH PANELS

- Available in flat and angled configurations
- Accepts all QuickPort jacks



PATCH CORDS

CAT 5E PATCH CORDS

- Low profile boots for higher density blade connectivity
- 24-gauge stranded for maximum flexibility and extended flex life
- Nominal outer diameter of 5.4 mm (.213") to reduce cable pathway congestion in racks and cabinets
- Available in five colors and stocked lengths of 1, 1.5, 2, 3, and 5 meters
- Make-to-order custom lengths are available



CABLE

CAT 5E UNSHIELDED CABLE

- 24-gauge Solid Annealed Copper Wire
- 4 unshielded twisted pairs cabled together
- Available in a range of sheath materials to suit a variety of installation environments and color coded for identification
- Designed and constructed to give optimal electrical performance to the following standards:
 - ISO/IEC 11801-1 Class E, IEC 61156-5
 - EN 50173-1 and EN 50288-3-1
 - ANSI/TIA-568.2-D
- Supports Gigabit Ethernet
- Designed and manufactured in a carbon neutral facility in the UK
- Delivered in 100% recyclable packaging

PART NUMBERS - Common part numbers shown. Many additional colors, lengths, CPR EuroClass ratings, 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	
Cat 5e Flat 110-Style Patch Panel		Contact Customer Service for information		Contact Customer Service for information	
Flat QuickPort Patch Panel+		49255-H24	4S255-D48	49255-H48	
Angled QuickPort Patch Panel+		49256-H24	4S256-D48	49256-H48	
PATCH CORDS	GRAY	RED	BLUE	GREEN	YELLOW
Cat 5e Patch Cord	GPCPCU###-888HB	GPCPCU###-111HB	GPCPCU###-444HB	GPCPCU###-555HB	GPCPCU###-666HB
CABLE					VIOLET
Cat 5e Unshielded Cable, LSHF/LSZH (Additional higher EuroClass cables are available. Please contact your local Leviton representative for further information.)					GPU-HF1-Eca-Rlx-305VT

* = 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
 ### = Length: 1 (010), 1.5 (015), 2 (020), 3 (030), 5 (050) meters