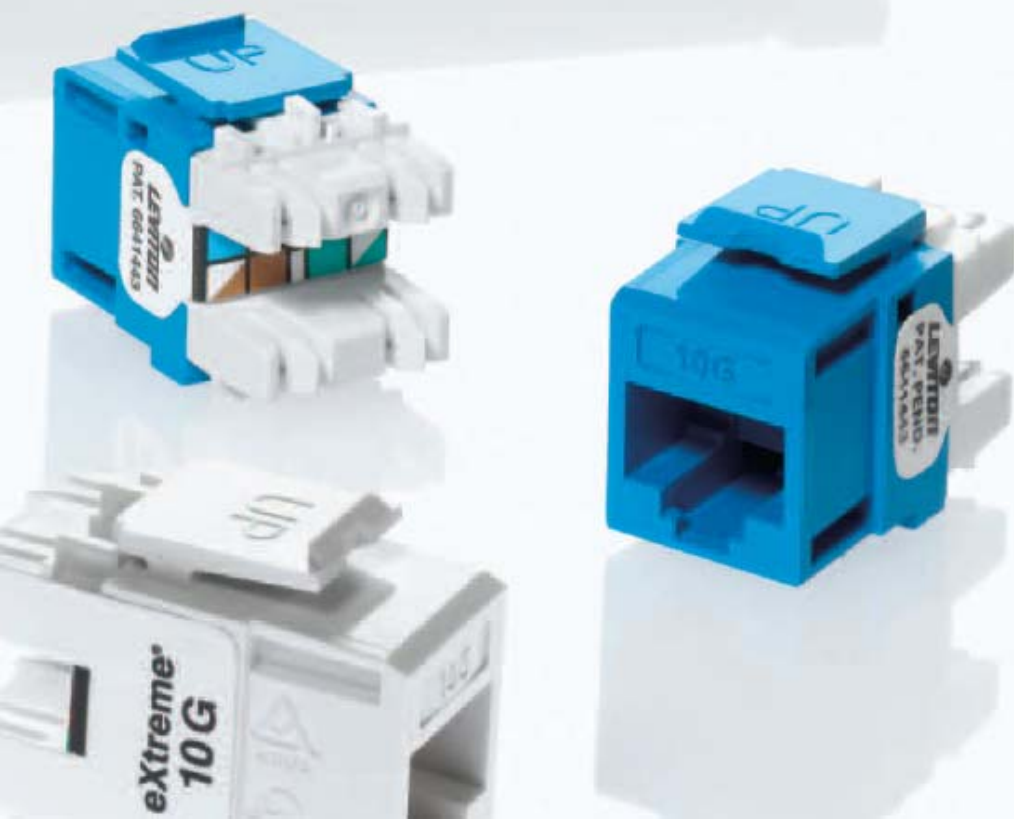




Leviton's eXtreme® 10G CAT 6A UTP Copper Cabling System



10G

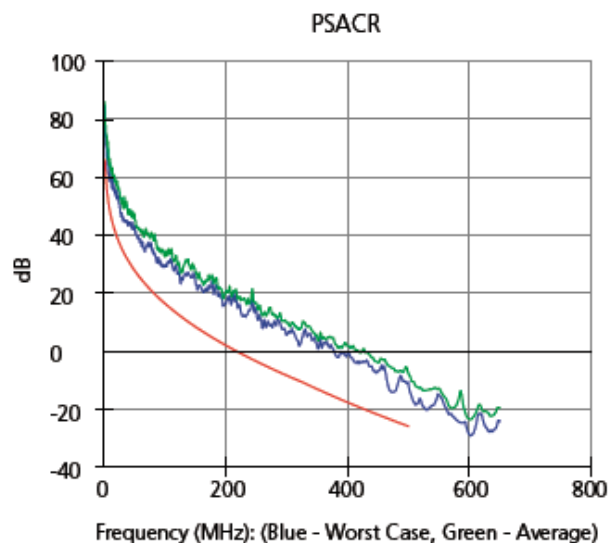
eXtreme® 10G

LEVITON'S HIGH PERFORMANCE CAT 6A UTP COPPER CABLING SYSTEM

You demand extreme network performance — Leviton's eXtreme 10G UTP System delivers. Advanced engineering and patented technology guarantees industry leading performance that exceeds all requirements defined in the TIA/EIA 568-B.2-10 standard for augmented Category 6 (CAT 6A) to support 10GBASE-T networks. Each component has been designed, engineered, and independently tested to ensure reliable CAT 6A cabling system performance. Whether you need a 10G solution in the data center or at every workstation, depend on Leviton eXtreme 10G.

EXTREME 10G CAT 6A ■ SYSTEM PERFORMANCE

- Independently tested and verified by Intertek (ETL)
- Guaranteed margins above CAT 6A requirements
- Guaranteed to meet TIA defined '6 around 1' Alien Crosstalk requirements
- Field-proven performance in real-world installations
- Exceptional performance in short distances critical for data center applications
- Exceptional performance in 100m, 4-conductor channels
- Lifetime warranty for qualified installations with approved cables
- Backward compatible with CAT 5e and CAT 6 systems



Source: Intertek Testing (ETL) – Worst case, 4-conductor, 100-meter channel

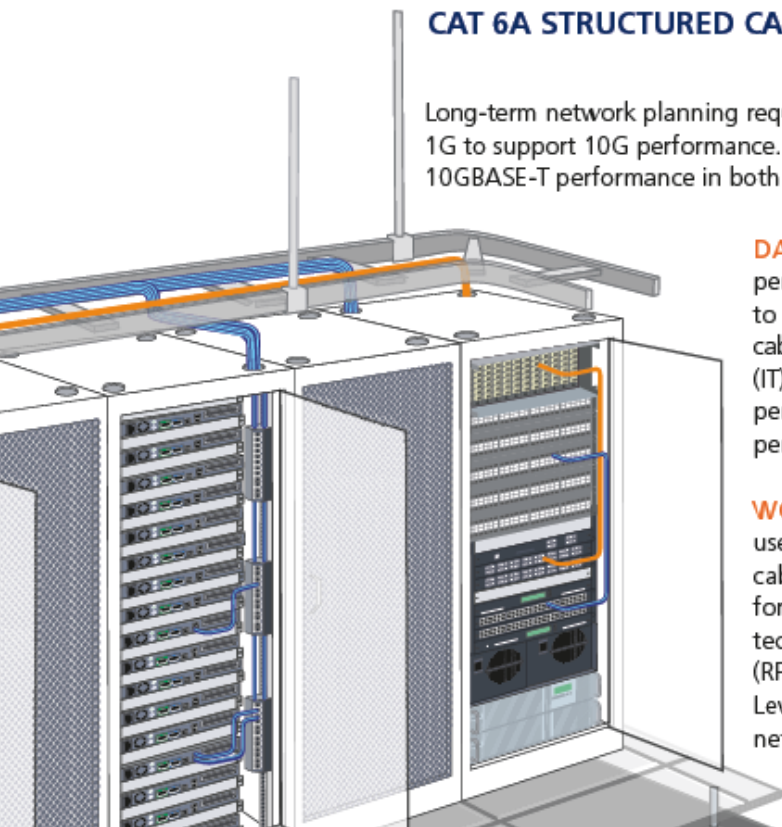
CAT 6A STRUCTURED CABLING SYSTEMS

APPLICATIONS ■

Long-term network planning requires evaluation of an efficient migration path that goes beyond 1G to support 10G performance. Today, many businesses are installing cabling systems to support 10GBASE-T performance in both data center and workstation applications.

DATA CENTER APPLICATIONS | Data Centers rely on high-performing 1000BASE-T (1G) and 10GBASE-T (10G) networks to support critical business applications. An advanced structured cabling system helps businesses leverage information technology (IT) investments. Leviton's eXtreme 10G system provides proven performance in all types of applications including short-distance permanent links commonly found in data centers.

WORKSTATION APPLICATIONS | The workstation connects the user to the network. Many end-users have deployed CAT 6A cabling systems to the workstation to support the increased need for bandwidth driven by high-end applications. With advanced technologies including patented Retention Force Technology® (RFT), Cone of Silence™ (COS), and guaranteed CAT 6A margins, Leviton's eXtreme 10G System prepares the workstation for 10G network applications.



LEVITON'S COMPLETE

CAT 6A/10G SYSTEM

Leviton's CAT 6A/10G System is guaranteed to exceed requirements in the following structured cabling industry standards:

- TIA/EIA-568.2-10 CAT 6A
- ISO/IEC 11801 Class E_a
- IEEE 802.3an 10GBASE-T

CONNECTORS

- Patented Retention Force Technology® (RFT) provides tine alignment to ensure long-term network performance
- Patented Cone of Silence™ (COS) with metalized plating minimizes the adverse effects of Alien Crosstalk in patch panels and outlets
- Patented Cutting Ledge ensures proper termination
- Pair Separation Towers (PST) provide easier terminations
- QuickPort® connector styling supports a wide variety of TR and WA applications
- Easy-to-read universal labels ensure accurate terminations and quick identification



PATCH PANELS

- 24-port, 1RU and 48-port 2RU Patch Panels provide performance in standard density applications
- 72-port, 2RU Patch Panels provide higher density for data center and TR applications
- Angled Patch Panels reduce the need for horizontal cable managers and improve density
- Recessed Patch Panels are ideal for server cabinet or free-standing rack applications
- Vertical Zero-U VertiGO™ Patch Panels take up less space in data center server cabinets
- Modular patch panels accept QuickPort connectors for mixing media or color coding options



PATCH CORDS

- SlimLine patch cords offer ease of use in standard and higher density applications
- Stranded conductor patch cable provides longer flex-life and easier usage
- Snagless design provides ease of use during moves, adds and changes
- Strain relief boot ensures long-term network performance
- Cable construction provides excellent Alien Crosstalk mitigation and EMI/RFI protection



LEVITON'S EXTREME® 10G CAT 6A UTP SOLUTION

Description	Part No.
CAT 6A QuickPort Connector	6110G-R16
CAT 6A SlimLine Patch Cord, 26 AWG, stranded conductor	6A510-xx*
QuickPort CAT 6A 24-Port Flat Patch Panel, 1RU (w/ connectors)	6910G-U24
QuickPort CAT 6A 48-Port Flat Patch Panel, 2RU (w/ connectors)	6910G-U48
QuickPort 72-Port Flat Patch Panel, 2RU (w/out connectors)	49255-D72
QuickPort 24-Port Angled Patch Panel, 1RU (w/out connectors)	49256-H24
QuickPort 48-Port Angled Patch Panel, 2RU (w/out connectors)	49256-H48
QuickPort 72-Port Angled Patch Panel, 2RU (w/out connectors)	49256-D72
QuickPort CAT 6A 48-Port Recessed Angled Patch Panel, 2RU (w/ connectors)	6W10G-U48
QuickPort 72-Port Recessed Angled Patch Panel, 2RU (w/out connectors)	4W256-D72
QuickPort 12-Port VertiGO Vertical Panel, Zero-RU (w/out connectors)	49280-QP0

†= Connector colors: White (W), Light Almond (T), Almond (A), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Grey (G), Black (E), Brown (B)

xx = Length: (03), (05), (07), (10), (15), or (20) feet

* = Patch Cord colors: White (W), Yellow (Y), Red (R), Blue (L), Green (G), Grey (S), Black (E)

See our Patch Panel Selection Guide for a complete list of Leviton Patch Panels.



LEVITON NETWORK SOLUTIONS

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