

10G^C AXi UTP COPPER CABLING SYSTEM

Performance Without Compromise

Superior Essex created **10Gain[®] XP**, with a non-conductive Isolation Wrap, as the first CAT 6A cable without a continuous shield to offer 4 dB margin over Alien Crosstalk (AXT) performance requirements in TIA 568-B.2-10. Even with an outside cable diameter of only 0.30 inches, there is no compromise in electrical performance. The 10G^C **AXi** system utilizes the advanced technology of Leviton's CAT 6A connectivity system, including eXtreme[®] CAT 6A component-rated connectors, SlimLine patch cords and 110-style patch panels. The system is guaranteed to meet all CAT 6A requirements for short links and channels, down to a 10-foot link.

Leviton QuickPort [®] CAT 6A UTP Connectors	
Description	Part No.
eXtreme [®] 6A Component-rated Connector	6A10G-R*6

* = Colors: Choose from any of the colors below.



Leviton CAT 6A Patch Panels		
Description	24-Port	48-Port
110-Style Flat Panel	6A586-U24	6A586-U48
110-Style Angled Panel	6A587-U24	6A587-U48
QuickPort [®] Flat Panel	6910G-U24	6910G-U48

CAT 6A panels are kitted with black 6A10G connectors.
QuickPort panels are also available empty.



Leviton CAT 6A Slimline Patch Cord	
Description	Part No.
CAT 6A SlimLine Patch Cord	6AS10-xx*

xx = Length: (03), (05), (07), (10), (15), or (20) feet.
Custom length cords available, call Customer Service for more information.
* = Colors: Choose from any of the colors below.



Superior Essex 10Gain [®] XP CAT 6A Cable				
Listing	Part No.	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package
CMR	6H-272-xA	0.30 (7.6)	47 (70)	1,000' Plywood Reel
CMP	6H-272-xB	0.30 (7.6)	45 (67)	1,000' Plywood Reel

x = Jacket Color: Choose from any of the colors below.



NextLAN 10G ^C AXi Channel Margin Guarantee ^{1,2}										
Margin	Insertion Loss	NEXT	ACR2	PSNEXT	PSACR2	ACRF	PSACRF	RL	PSANEXT	PSAACRF
Margin vs. TIA/EIA 568-B.2-10	3%	1 dB	3 dB	2 dB	4 dB	5 dB	6 dB	3 dB	4 dB	4 dB
Margin vs. ISO/IEC 11801 Edition 2.1	3%	0 dB	2 dB	1 dB	3 dB	5 dB	6 dB	2 dB	4 dB	4 dB

¹Guaranteed channel margin to 500 MHz frequency range; performance tested to 650 MHz.
²10G^C ACR and PSACR margin guarantee is minimum performance vs. calculated minimum defined by TIA 568-B.2-10 from 1 to 500 MHz.