

PRODUCT SOLUTIONS BRIEF
SUPERIOR ESSEX

DATA CENTER NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as Superior Essex, we are able to present you with the following offering to meet your specific data center requirements.

10Gain® XP CAT 6A U/UTP

Superior Essex's 10Gain XP, with its nonconductive isolation wrap, is the first Category 6A cable without a continuous shield to offer 7 dB margin over alien crosstalk (AXT) performance. The unique isolation wrap contains discontinuous sections of metalized material held in place by a polymeric layer that offers similar performance of a shielded design.



Uniquely designed isolation wrap contains discontinuous sections of metalized material, held in place by a polymeric layer.

CHALLENGE SOLVERS

- The first and only third-party certified EPD and HPD premises cable able to contribute toward points in LEED certified building projects
- Smallest plenum OD of 0.265 in. for UTP Category 6A on the market, which provides up to 15 percent savings on pathways budget
- 7 dB AXT headroom: as good as a shielded solution against external noise and as easy to install as an unshielded solution with no bonding or grounding
- Recommended application for 10BASE-T through 10GBASE-T Ethernet as well as PoE+ (IEEE 802.3at Type 1 and 2)



THE ANIXTER APPROACH

High-Performance Structured Cabling

- **Media selection**
 Choose the appropriate cabling media from twisted-pair, optical fiber and direct attached to address high-speed bandwidth requirements.

THE SUPERIOR ESSEX SOLUTION

JACKET COLOR	FIRE RATING	DELIVERY OPTIONS
Eight colors to choose from	Riser Plenum	Local National Global
anixter.com/shopsuperior		

WHAT WE HEAR

Data center stakeholders are dealing with a variety of challenges:



AMORTIZATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption



Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data center.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Jacket color
- Cable management
- Cable pathway
- Application requirements

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Mighty Mo® 20 rack system
- Modular copper patch panels
- Legrand® thermal solutions
- Raritan® intelligent PDUs

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

10GAIN XP CAT 6A U/UTP FEATURES

✓ SIMPLIFY DEPLOYMENT

- CableID® alpha numeric code printed every 2 feet
- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- Part of the nCompass™ system solution with Legrand

✓ PROVIDE RELIABILITY

- UL Certified Environmental Product Declaration (EPD)
- Health Product Declaration (HPD)
- Tested to 650 MHz
- Complies with UL 444 requirements



10Gain XP fully complies with UL 444 requirements for an unshielded twisted-pair product.

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPSUPERIOR](https://www.anixter.com/shopsuperior)

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For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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