

Specialty Minerals Inc.

NextLAN® 5e+ copper cabling system chosen for campus wide infrastructure upgrade



Specialty Minerals Inc. (SMI) is one of the world's foremost manufacturers of performance-enhancing industrial minerals and chemicals for the paper, polymer, building products, and allied industries. Recognized as the world's largest supplier of PCC (precipitated calcium carbonate) to the paper industry, SMI also mines and processes high quality lime and limestone, and exceptionally pure talc for use in building products, paints, coatings, ceramics, polymers, and automotive catalytic converters.

NextLAN[®]
LEVITON  SUPERIOR ESSEX[®]

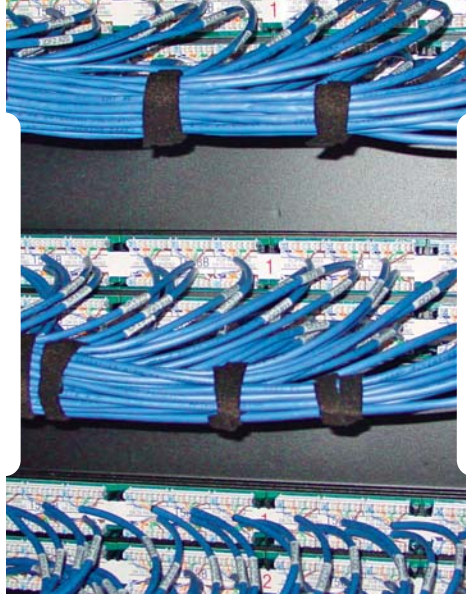
nextlansystems.com

Backbone

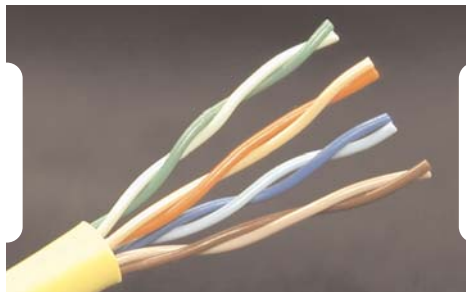
Using a physical star wiring topology, TRs connect the backbone and horizontal distribution systems via high-performance fiber optic cables. Considering both applications and requirements, TEI selected 12 strand premises and outside plant multimode fiber optic cable from Superior Essex for portions of the backbone. Because of the challenges inherent with retrofits especially with limited access to pathways and spaces, adding rigid conduit is not a practical option. Instead, SMI chose flexible interlocked armored fiber optic cables. These cables meet building code guidelines while offering additional mechanical protection, especially during installation.

For More Information

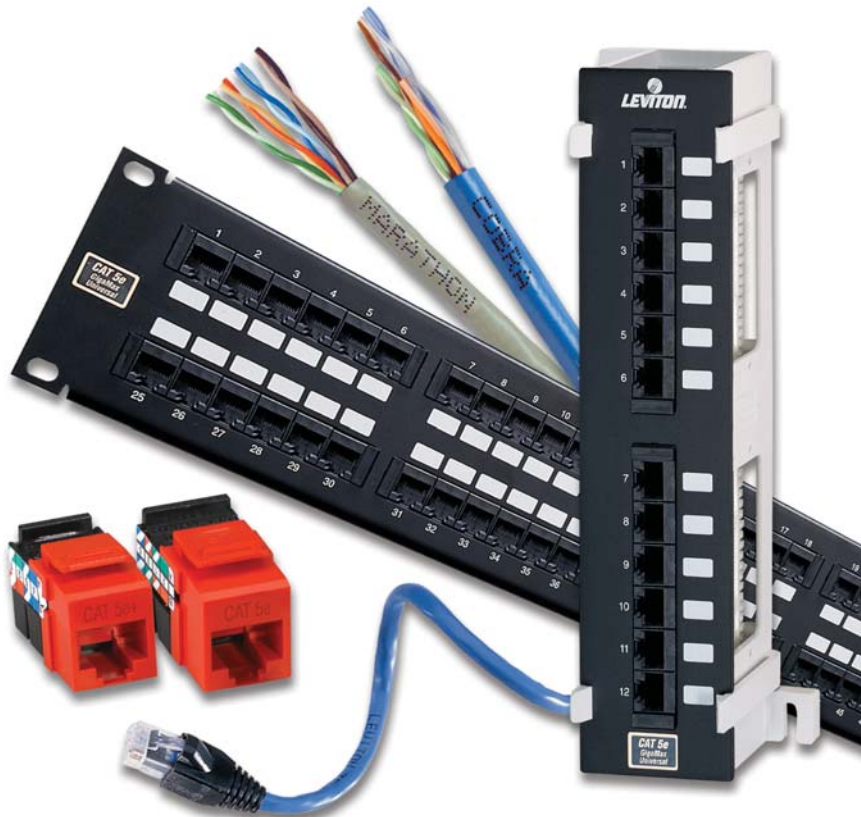
For more information on the NextLAN difference, including the unique comprehensive Campus Warranty, please visit our website at www.nextlansystems.com.



Nearly 250,000 feet of Superior Essex Cobra cable was connected to Leviton GigaMax 5e connectivity.



Exclusive ColorTip circuit identification allows easily identifiable conductor mates.



NextLAN breaks the paradigm of empty promises by providing clear and comprehensive guarantees, so you can make a truly informed decision about your cabling system.

Performance

The NextLAN suite of cabling systems is comprised of high-bandwidth solutions that are:

- > Guaranteed to exceed TIA/EIA industry frequency and performance specifications
- > Guaranteed to meet IEEE 802.3ab Bit Error Rate requirements
- > Guaranteed to support current and future applications designed for Category 5e, Category 6, and fiber optic systems

Conformance

While single test reports may illustrate great margin over the specification, they do not guarantee repeatable performance. Only NextLAN offers copper solutions that are independently verified by Underwriters Laboratories (UL) to meet the specifications guaranteed by each NextLAN system. This program includes:

- > All copper NextLAN systems are verified quarterly
- > UL test reports are available for customer viewing
- > All products used for testing are randomly acquired by UL through distribution

Assurance

NextLAN system performance guarantees are backed by a lifetime warranty on certified horizontal and backbone systems. Furthermore, installed verification of permanent link performance provides automatic full channel warranty when Leviton patch cords are used.

By installing a qualified NextLAN cabling system, a project is automatically qualified to receive the full benefits of the Superior Essex Campus Warranty, which includes:

- > 20-year warranty on all Superior Essex outside plant cabling (both copper and fiber)
- > 20-year warranty on all Superior Essex voice-grade inside cabling

