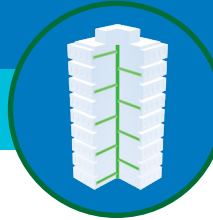


PRODUCT SOLUTIONS BRIEF SUPERIOR ESSEX

COMMERCIAL BUILDING NETWORK PERFORMANCE



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 commercial building requirements.

PowerWise 1G 4PPoE

PowerWise 1G 4PPoE cables provide the best performance and overall value for 4-Pair Power over Ethernet (4PPoE) applications requiring up to 100W of power and up to 1 Gigabit Ethernet performance. PowerWise 1G 4PPoE cables are specifically designed to mitigate temperature build-up, offer exceptional energy efficiency and ensure performance (up to 1 Gigabit Ethernet) over the lifetime of your system.

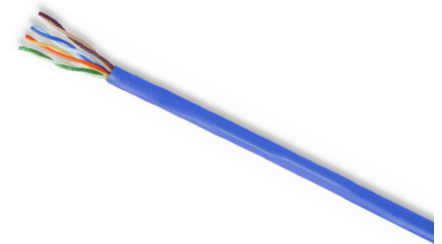
CHALLENGE SOLVERS

- Unique cable design with 22 AWG copper conductors transmits 60 Watts at 97% power efficiency, greatly increasing overall system energy efficiency
- Temperature rating of the insulation and of the jacket provide improved cable lifespan despite high-heat and high-power applications
- UL-Certified Environmental Product Declaration (EPD) means the system contributes toward 1 LEED credit under the Material and Resources credit (MRc)

THE ANIXTER APPROACH

- **Network flexibility**
Apply open architecture designs to accommodate your performance requirements for a highly scalable network.
- **Universal cabling topology**
Determine the right choice for an open architecture environment by adopting commercial building wiring and building automation standards.
- **Media selection**
Choose the appropriate physical media from twisted-pair, optical fiber and direct-attach cables to address high-speed bandwidth requirements.
- **Wireless mobility**
Determine your migration path for Wi-Fi and in-building cellular connectivity to support a multi-screen environment.
- **Application support**
Deploy scalable designs that can support multiple and varied applications over a high-performance, IP-based structured cabling system.

THE SUPERIOR ESSEX SOLUTION



PowerWise 1 Gigabit 4PPoE



WHAT WE HEAR

Challenges from the various commercial building stakeholders are:



Keeping up with **EVOLVING TECHNOLOGIES**



AMORTIZATION of cabling systems



Supporting multiple **APPLICATIONS**



Reducing network **DOWNTIME**



Coping with **INCREASING BANDWIDTH**

JACKET TYPE	INSULATION	PACKAGING
CMR: Flame retardant (FR) PVC CMP: FR, low-smoke PVC	CMR: Polyolefin CMP: FEP	Brake box Plywood reel

anixter.com/shopsuperior

Infrastructure as a Platform
by Anixter

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

CONFIGURE

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

- Jacket type
- Jacket color
- Fire rating
- Packaging

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Copper patch panels
- Mighty Mo® rack systems
- UPS
- 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

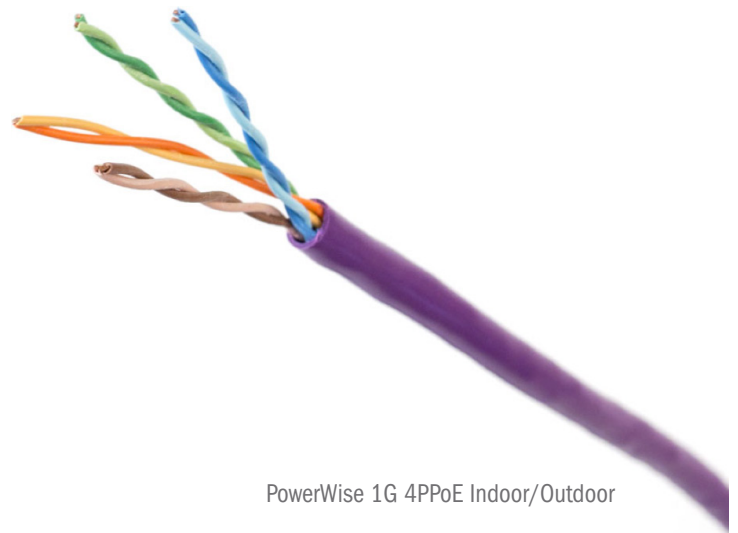
SUPERIOR ESSEX POWERWISE 1G 4PPOE FEATURES

✓ REDUCES NETWORK DOWNTIME

- Tested up to 100 W in most severe temperature conditions.
- CableID® alpha numeric code helps to easily identify both ends of a cable run.
- ColorTip® helps to easily identify conductor mates even in lowlight environments.

✓ KEEPS UP WITH EVOLVING TECHNOLOGIES

- Power over Ethernet (PoE & PoE+), IEEE 802.3at and 3af Type
- 4PPoE+ – IEEE 802.3bt Type 3 and 4 draft D1.2
- HDBaseT Class A and B certified 1 and 2
- 10BASE-T through 10GBASE-T



PowerWise 1G 4PPoE Indoor/Outdoor

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

About Anixter: [anixter.com/aboutus](https://www.anixter.com/aboutus)

Legal Statement: [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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