

Powering the future of sustainable buildings

We're delivering the next phase in the evolution of smart, sustainable buildings. Sustainable cabling from Superior Essex is enabling the next generation of smart buildings to be more adaptive and efficient than ever before.

Manufactured sustainably and designed to minimize environmental impact, our products and accessories contribute to leading green building standards such as:



LIVING BUILDING CHALLENGE



We believe that the technology that **INTERCONNECTS** the world should also respect it.



We're making buildings better, safer places to live and work.



Through the Cisco Digital Building application, our PowerWise Power over Ethernet (PoE) cabling links together all of a building's network-enabled technologies, enabling occupants to fine-tune almost every aspect of their environment, including:

01

Safety and Security

A networked smart building allows for advanced security features for comprehensive threat intelligence and defense.

02

Lighting

With networked intelligent lighting systems, occupants can make adjustments to lighting in order to improve mood and well-being, increase alertness and promote productivity.

03

Temperature

Keeping air temperature at optimal levels supports occupant comfort and productivity, while also improving energy efficiency and reducing costs.

04

Personalization

In an office, hotel or hospital, occupants can personalize how their room environment works, looks and feels by customizing shower water temperature, window blind operation, alarm settings, audio/visual entertainment and more.

05

Energy Efficiency

Our PowerWise PoE cables are the most energy-efficient on the market, saving money by reducing power loss and overall energy consumption by up to 97%, compared with a traditional AC system.



Superior Essex is the only communications cable manufacturer with certified Red List free products.

This means they contain none of the 800 chemicals classed as most harmful to the environment or people by the International Living Future Institute.

Transparency



Our cabling provides superior quality while minimizing environmental impact.

To help give our customers peace of mind and help them make informed purchasing decisions, we're committed to full transparency about our products' environmental and health impacts. We publish detailed information about these impacts in independently verified Environmental Product Declarations (EPDs) and Health Product Declarations (HPDs).

We were the first communications cable manufacturer to publish EPDs and HPDs. Currently 55 of our products have HPDs and EPDs. Our Cat 6 LSHF product was one of the first in the market to achieve third-party verification status for HPDs.

Both EPDs and HPDs contribute to LEED v4 credits. HPDs also contribute to projects achieving the WELL Building standard.



Sustainable Manufacturing



We're proud to be the first and only company in our industry, and one of few in the globe to be certified Zero Waste to Landfill. In our factories and product development center, we divert waste from landfill by recycling and reusing materials, as well as improving our product designs to reduce the materials we use in manufacturing. Since 2014, we've demonstrated our commitment to manufacturing responsibly by sending ZERO waste to landfills.



1st (and only)

communication cable facility to be certified Zero Waste to Landfill

8.9 million pounds

waste diverted from landfills annually



8 million kWh

annual reduction in energy consumption

500 million gallons

water conserved annually through closed loop water recycling

