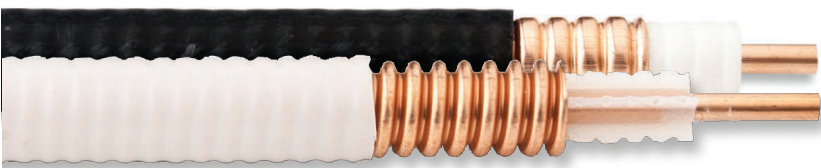




Connecting
Wireless



Distributed Antenna System
Cable & Connectivity





Superior Essex Everywhere You Live and Work™

Superior Essex is a global leader in the design, manufacture and supply of wire and cable products. Founded in 1930, our wires were used in some of the first Fords to roll off of the assembly line. Since then, Superior Essex has grown to become the world's largest producer of insulated copper and aluminum magnet wire and the North American industry leader in outside plant copper communications wire and cable. We operate twenty ISO 9000 certified manufacturing and distribution facilities in nine countries and three continents.

Since our founding 80 years ago, the world has changed, and our product portfolio has evolved to meet the demands of new technologies. Today, our portfolio includes the cable used in "wireless" RF networks and high-speed broadband data networks. Superior Essex specializes in state-of-the-art cable solutions for the entire wireless heterogeneous network (HetNet)—from traditional coaxial cable to hybrid fiber optic and power cables, we have a cable solution for every technology, frequency, cell size, and network architecture. As the world migrates to wireless solutions, we provide the wire that makes it possible.

Multiple Coax Solutions for a High Performing DAS

Three coaxial cable solutions for Distributed Antenna Systems

LHF
Copper Shielded
Lowest Loss
Performance

HFSC
Copper Shielded
Highest Flexibility
Flexibility

HFAC
Aluminum Shielded
Lowest Cost
Value

PLENUM
ETL UL 910 RATED CMP

LHF-12DP

HFSC-12DP

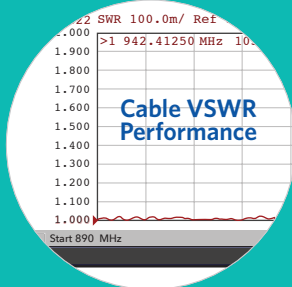
HFAC-12DP

RISER
ETL UL 1666 RATED CMR

LHF-12DR

HFSC-12DR

HFAC-12DR



Industry-Leading Electricals

- Low attenuation across 30 MHz to 4,000 MHz
- Low Voltage Standing Wave Ratio (VSWR) <1.25 dB guaranteed across frequency bands (<1.1 dB typical)
- Low Passive Intermodulation (PIM) < -155 dBc



Superior Construction

- Precision-welded, solid annular outer conductor eliminates intermodulation
- Continuous dielectric spine provides homogenous support of outer conductor and maintains electrical performance in tight bends



Industry's Highest Safety Ratings

- Industry's highest rating of UL 444 for in-building fire safety
- Plenum cables are ETL certified CMP using UL 910
- Riser cable is ETL certified CMR using UL1666

other DAS products

Superior Essex provides a wide range of cables, connectors and jumpers especially designed to exceed the requirements of In-Building Wireless Systems.

Connectors



Easy to install. Re-usable. High Conductivity. Low PIM.

- Two-part DIN and Type N connectors
- Straight and right angle
- Silver-plated pins for high conductivity and low PIM

Jumpers



Factory built and tested. Low PIM. Highly Flexible.

- Three standard lengths (1, 2 or 3 meters)
- Factory soldered connectors
- Dynamic PIM tested

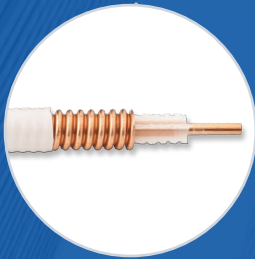
Cable Prep Tools



Fast. Reliable. Consistent.

- Cable preparation drill tool
- Flare & foam separator
- Consistent cable preparation (resulting in lower PIM)

Why Choose Superior Essex?



Cable is our focus. We specialize in state-of-the-art cable solutions for the entire HetNet—from traditional coaxial cable to hybrid fiber optic and power cables, we have a cable solution for every technology, frequency, cell size, and network architecture.



Design Ready. Our cable products are approved by leading wireless carriers in North America and are listed in iBwave to simplify your in-building, wireless network design. You can utilize our factory-tested products with confidence that they will meet or exceed specified performance.



Short Lead Times. When you need cable, connectors and jumpers immediately, contact Superior Essex. We maintain high levels of inventory and offer standard 3-day shipping or an optional next-day, quick-ship program.



Everywhere You Live and Work™

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