





FEATURES

- Flexible Configurations
- Single Cable or Webbed Designs
 - Solid Copper Twisted Pairs (19-24 AWG)
 - Single-mode Fibers (2-192 fiber)
 - Corrugated Aluminum or Steel Armor
 - Single PE Jacket
- Filled with a non-sticky PFM™ Gel

BENEFITS

- Uses traditional, color-coded, solid, twisted-pair copper conductors
- Single cable pull — reduces labor cost
- Simple separation through different locations
- Easily removable gel reduces installation time while providing exceptional water blocking

APPLICATIONS

- Data over fiber and power delivery
- Line Powering
 - Small Cells
 - DSLAMs
 - PON Cabinets
 - Digital Signage
 - oDAS
- Designed for direct burial, duct or aerial installations
- Toneable, Drop or Power-focused variations
- Brownfield or Greenfield

TELCO HYBRID OSP CABLE

Flexible, Versatile, Durable — Designed for Powering Multiple Broadband Applications

Optimized to simultaneously deliver power and data, our Telco Hybrid OSP Cable is the unparalleled choice for Line Powering of any remote device.

With a wide range of copper pair and fiber counts available, these versatile and flexible cables boast exceptional durability and moisture resistance no matter the installation environment or remote device supported.

To learn more about our Telco Hybrid Cable family, visit superioressexcommunications.com.

“Our new OSP hybrid cables affirm the Superior Essex commitment to improving on cabling solutions that support next-generations technologies.”

Robin Gainsford
Director of Broadband Technology



FEATURES

- Flexible Configurations
 - Stranded copper conductors (12-18 AWG)
 - Single-mode or Multi-mode Fibers (2-12 fiber)
 - Corrugated Aluminum, Copper or Steel Shield (optional)
 - UV-rated PE or PVC Jacket
 - Low Conductor-to-Conductor Mutual Capacitance

BENEFITS

- Provides exceptional flexibility for easier installation and routing
- Allows internal fiber cable to be routed separately from copper conductors
- Offers a combined power and data solution from one cable
- Single cable pull — reduces labor cost

APPLICATIONS

- Fixed Radio Transmitters
- Digital Electricity Transmission
- Outdoor DAS Remotes, Digital Signage, Outdoor Wi-Fi Access Points
- Designed for 1-inch duct or lashed aerial installations

OSP POWERWISE® HYBRID CABLE

Designed to Support Digital Electricity Transmission Over Longer Distances than PoE Cable

This next-gen solution for your ever-expanding data network can safely transport digital electricity packets (pulses of DC power) over longer distances than Power-over-Ethernet (PoE) cable.

Our OSP PowerWise® Hybrid Cable series efficiently provides both power (via copper) and data (via optical fiber) in a single, streamlined package to support all the wireless devices in today's heterogeneous networks.

To learn more about our OSP PowerWise® Hybrid Cable family, visit superioressexcommunications.com.

"We are thrilled to introduce an innovative cable design that offers the capability to deliver power and fiber under one jacket deep into the network."

Robin Gainsford
Director of Broadband Technology



FEATURES

- Flexible Configurations
 - Power Conductors (4-8 AWG)
 - Alarm Conductors (18 AWG)
 - Single-mode or Multi-mode Fibers (12-48 fiber)
 - Corrugated Copper and Aluminum Shields
 - PE or PVC Jacket
 - UL 1277 and OSP Designs

BENEFITS

- Minimizes cables on tower
- Two solutions under one jacket
- Can be pre-terminated for easy install
- Vertically or horizontally mounted
- Less wind resistance than using discrete cables
- Supports a wide temperature range

APPLICATIONS

- Remote Radio Heads (LTE and 5G)
- Fiber-To-The-Antenna (FTTA)
- Active Antennas

TOWER HYBRID OSP CABLE

The Rugged, Ready & Reliable Fiber-To-The-Antenna Solution

Contained within one strong, high temperature-rated, UV-resistant jacket, our Tower Hybrid OSP Cable can withstand the toughest environments to ensure long-term reliability and connectivity.

By simultaneously providing both DC power (via copper) and data (via optical fiber), it address multiple provider and capacity requirements, making it the optimal choice for Macro Cell sites deploying remote radio heads for both LTE and 5G technologies.

To learn more about our Tower Hybrid OSP Cable family, visit superioressexcommunications.com.

“Our OSP hybrid cabling solutions support both the current communications needs – and the future growth – of your entire data network.”

Robin Gainsford
Director of Broadband Technology