HYBRID COMPOSITE FIBER OPTIC & COPPER CABLE ASSEMBLIES

CABLCON
Cable & Connectivity Solutions

Fiber to the Antenna (FTTA or FTTx) Cables

Cablcon manufactures custom built hybrid composite fiber optic & copper assemblies to meet your needs. All cable assemblies are built domestically at one of our ISO 9001 and TL 9000 Certified locations. Our manufacturing process and component level products exceed GR-326-CORE Issue 4 and GR-409-CORE parameters, as well as IEC-61300-3-35 End Face Cleanliness. Cablcon also offers injection over molded fiber cable assemblies, including an OSP over mold compound, which meets IP67-68 ratings.

CONFIGURATIONS

- Fiber count and type, power count and gauge, and control count and gauge available to meet your requirements (contact Cablcon for stock configurations).
- Available with or without copper corrugated armor, with outstanding flexibility given jacket properties.
- Outer conductor grounding with armored cable, cable gland or over mold breakout available.
- Indoor/Outdoor OFNR and UV resistant, Outdoor OSP UV resistant, shielded and non-shielded.
- Equal length or staggered fiber breakouts available to reduce breakout OD to meet OEM requirements.
- Nonmetallic pulling eye to protect and isolate fiber legs and connectors.
- Lengths in excess of 25 feet shipped on a reel unless otherwise specified.

APPLICATIONS

- All FTTx OSP applications with or without power and control requirements.
- Designed for direct burial, aerial or conduit installations.

BENEFITS

- Domestic quick turn assembly manufacturing, able to ship custom lengths 3-4 days after receipt of order (ARO), reducing waste and contractor downtime.
- Responsive customer service.
- 100% tested & verified assemblies with testing results available at fibertest.cablcon.com and archived at Cablcon for warranty purposes.
- Pulling eye and packaging designed for ease of installation.
- Plug and play to reduce installation time in the field.