Small Cell
Connectivity Solutions

- RF Coax Jumpers
- Network Test Cables and adapters
- Category Cables
- Fiber Optic Trunk Cables
- Fiber Optic Pigtail Splice kits
- Power Cables
Wireless network densification to support deployment of 5G will require many small cell installations. Having a smaller form factor than traditional macro cells, small cells are typically integrated with street lamp, utility, telephone or traffic signal poles. Small cell installations require copper, fiber and coax cables to connect the various components for operation.

RF Industries small cell connectivity solutions include a portfolio of copper, fiber, and coax cable assemblies that are available in custom and standard lengths/configurations/terminations. With fabrication in the United States along with a large network of distributors, RF Industries provides fast delivery of finished products.

**Fiber Optic Trunk Cables and Jumpers**

*Custom built indoor/outdoor multi-fiber assemblies for radio connectivity.*

- **Fiber options:** Single fiber 2, 4, 6, 12, 24 strand with higher counts available
- **Connector types:** Duplex LC, LC Uniboot, MTP®/MPO, SC, FullAXS™ compatible cable glands, IP-Series outdoor connectors and radio-specific connectors
- **Available in custom lengths with custom breakouts lengths**
- **100% tested for optical performance, end face criteria and cleanliness**
- **Optional rodent resistant, bird proof and specialty jacket**
- **Optional armored and micro armored**

**Fiber Optic Pigtail Splice Kits**

*Color coded 900µm pigtail splice kits used for fusion splicing OSP (or indoor) stub ends. Custom manufactured to individual requirements.*

- **Available connectors:** LC, SC, FC, ST
- **Available pigtail quantities:** 6, 12, 24
- **Available fiber modes:** Single-mode OM1, OM2, OM3, OM4
- **Assembly length:** as required
- **100% tested for optical performance, end face criteria and cleanliness**

*Custom engineered hybrid or wire harness cabling solutions are available.*

Contact our sales department for more information.

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*NEX10 is a trademark of HUBER +SUHNER, Radiall & ROSENBERGER, PIMtracker is a trademark of RF Industries, MTP is a registered trademark of US Conec Ltd., FullAXS is a trademark of TE Connectivity Ltd.*
RF Coax Jumpers
Low loss, low PIM, flexible corrugated assemblies for radio to antenna connectivity.

- Available cable sizes: ½" flexible, ½" super-flexible, ¼" super/flexible
- Available cable brands: RFS, CommScope, Times Microwave
- Connector types: 4.3-10, 7-16 DIN, N, NEX10™, others
- Connectors brands: RF Industries, JMA, Radiall, others
- Assembly lengths: as specified
- Optional weather proof boots for IP68 rated performance
- 100% tested for PIM with results downloadable via PIMtracker™

Category Cables for Internet of Things (IoT) and Smartpole solutions
Hi-Flex industrial assemblies, assembled in the USA from high quality components. Cable jacket CMX Outdoor rated with UV, Weld Splatter and Oil Resistance.

- Cat 6/6A Hi-Flex industrial assemblies
- RJ45 to RJ45, 24 AWG stranded copper, 4 pair, SF/UTP, CMX outdoor
- Tested for Cat 6/6A compliance (continuity, shorts, wire mapping and overall integrity)
- Rated for 600 volts Cable jacket options: outdoor, plenum or fire retardant

Power Cables
Outdoor DC power feeder cable.

- UL approved for direct burial or sunlight
- Tinned copper braid and aluminum tape with drain wire
- Available in bulk packaging by reel or by foot
- Custom terminations available

Network Test Cables and adapters
Affordable super flexible armored low PIM coax test cables.

- Available connectors: 4.3-10, N
- Available lengths: 1 Meter, 1.5 Meter
- Low PIM: less than -165dBc

Low PIM test Adapters
Connector interfaces: 4.3-10, 4.1-9.5 (Mini) Din, 7-16 DIN, N, SMA, 1.0-2.3, QMA
- Male, female, straight and right-angle configurations
**Design – Production – Inventory**

We have production and warehouse facilities on both coasts of the United States along with a network of distributors throughout North America and Europe to deliver finished products quickly.

**Quality Policy Statement**

We are committed to maintaining excellent product quality. It is our goal to continuously improve the quality of our products to better satisfy the needs and expectations of our customers. We are also committed to delivering products that completely suit customer requirements on time, every time, and defect-free.

**Certifications / Registrations**

- Corning Gold House
- ISO 9001:2015
- Underwriters Laboratory Recognized
- Telcordia GR-326 Issue 4

**Corning Gold**

C Enterprises and Cables Unlimited are part of an elite group of cable assembly houses (CAHs) that meet the high standards for eligibility in the Corning Cable Systems CAH Connections™ Gold Program for optical patch cord manufacturers.

**Corning Extended Warranty Program**

As members of the CAH Connections Gold Program, C Enterprises and Cables Unlimited are divisions of RF Industries, that offer a Corning Cable Systems 25-year Extended Warranty™ coverage for single and 2 fiber patch cords manufactured by and installed by a certified NPI member.

**Shipping**

Our experienced staff employs best-practice packaging and shipping methods. We manage weight and dimensions to ensure the lowest shipping costs with our quick-ship capabilities.