



Interconnect Solutions for a Connected World™

# 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*



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 strands 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 breakout lengths

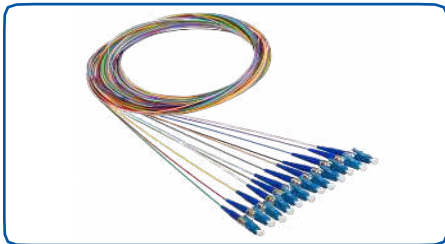
100% tested for optical performance, end face criteria, and cleanliness

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

100% tested for optical performance, end face criteria and cleanliness

## Corning Compatible OptiTip® and OptiTap® Assemblies

Our field-proven Corning compatible OptiTip® and OptiTap® wireless assembly series deliver consistent reliable performance in all weather conditions.



OptiTip® and OptiTap® are engineered to provide high performance connections between the Base Unit and Remote Radio Units.

Provides a reliable connection in harsh outdoor conditions.

We offer connector and cable options compatible with large scale equipment manufacturers.

Processes and techniques developed by our engineers allow for variations of cable and connection types to suit the application and environment. For use in wireless network systems that require high performance custom interconnect solutions with environmentally rated ruggedized materials.

Assemblies can be employed in both rigorous outdoor conditions and indoor routing. Outdoor and indoor/outdoor assemblies are provided with UV resistant cable jackets.

## RF Coax Jumpers

Low loss, low PIM, flexible corrugated assemblies for radio to antenna connectivity.



Available cable sizes: 1/2" flexible, 1/2" super-flexible, 1/4" 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



*\*CAH Connections and Extended Warranty are service marks of Corning Cable Systems Brands, Inc*

## 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<sup>SM</sup> 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<sup>SM</sup> 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.



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