

# FTTA/PTTA Custom Optic Cable Solutions



Molex Hybrid FTTA (Fiber-to-Antenna)/PTTA (Power-to-Antenna) Custom Optic Cable Solutions help maximize tower real estate when installing or upgrading cell tower sites.

## Features and Advantages



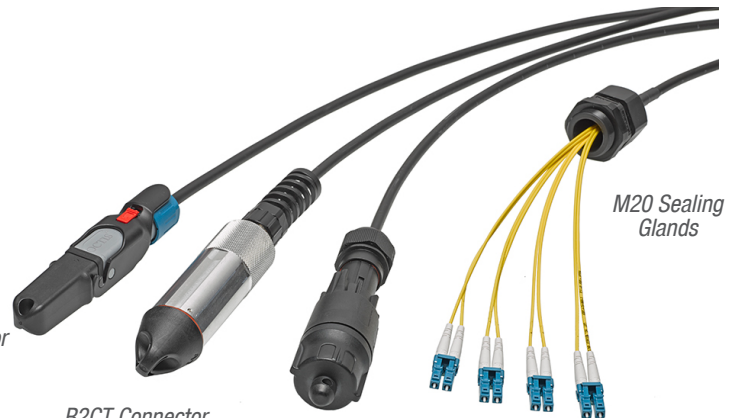
IP-LC Connector

Utilizes industry standard connectors  
IP-LC  
FullAXS  
R2CT  
OCTIS  
Inline Sealing Glands  
Custom Configurable Designs

Accommodates multiple radio types/brands

Hybrid solutions that combine power and fiber in one cable assembly

Reduces upgrade and installation costs  
Maximizes tower real estate  
Reduces amount of cable assemblies in the tower  
Custom configurable designs available



OCTIS Connector

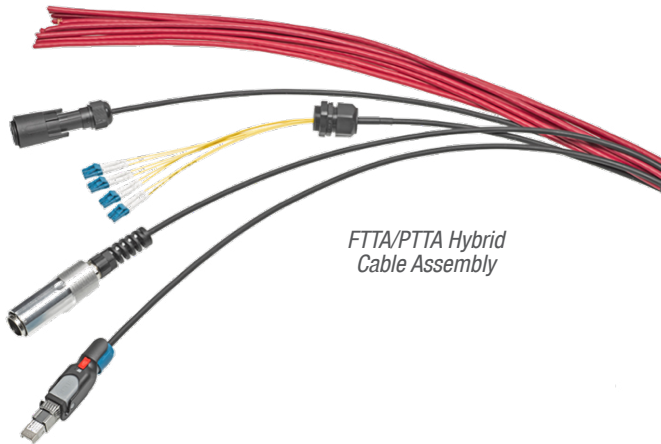
R2CT Connector

FullAXS Connector

M20 Sealing Glands

Sealed and standard components available

Inline and direct-connect sealing components accommodate exposed and enclosed connections



FTTA/PTTA Hybrid Cable Assembly

Custom configurations to support connection between base band unit and multiple remote radio heads

Delivers value-add engineering services to accommodate specific tower needs. Relieves the need for extensive cable management techniques

Rugged features available:  
IP-rated designs  
UV-treated cables  
Armored hybrid cable

Enables cable assemblies to withstand harsh environments and outdoor applications. Provides protection from rodents

## Applications

### Telecommunications/Networking

- Cell Tower Applications
- Wireless Long Haul



Communications Tower

## Specifications

### *REFERENCE INFORMATION*

Packaging: Reel  
Mates With: RRUs (Remote Radio Units)  
Use With: RRUs (Remote Radio Units)  
Designed In: Meters  
RoHS: Yes

### *ELECTRICAL*

Voltage (max.): 600  
Contact Resistance: DC Resistance @25C :  
4 AWG: 0.268 Ohms/304.8m (1000')