

Application

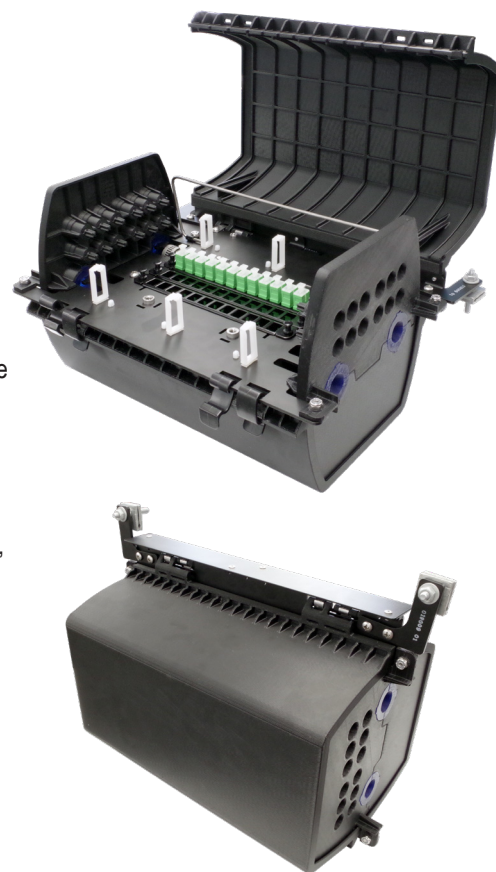
When the network deployment plan calls out for an aerial application, Clearfield's YOURx-Aerial Terminal application allows for the flexibility to terminate a feeder fiber, directly into revenue generating drops and has the capability to accommodate a fiber cable mid-span, allowing cables to be fully utilized while feeding multiple terminals and access points.

Description

Designed with many of the same features as the YOURx-Terminal, the YOURx-Aerial Terminal allows for aerial or strand mount fiber deployment within the network architecture.

The YOURx-Aerial Terminal can accept the "hand-off" of fiber and distribute up to 24 individual service drops and has the capability to mid-span a larger count fiber cable, allowing the service provider to deploy multiple terminal/access points along the same cable run, maximizing the investment in fiber deployment.

Designed for easy, craft accessibility, the YOURx-Aerial Terminal application has an upward hinging, kickstand supported cover with four side entrance cable access ports. Two individual compartments separate the incoming splices from the drop ports for network security. The backplane of the unit has the capacity to hold up to three 12-fiber splice trays, incorporating fiber management and bend-radius protection into the design. With up to 24 individual drops terminated to SC connectors, the YOURx-Aerial Terminal can accept all of the FieldShield® drop options, as well as other cable drop options.



Features and Benefits

Integrity

- Compliant to Telcordia GR-487 and 3125
- Supports FieldShield Pushable Duct and pushable/pullable fiber solution with SC connectors for drop applications
- Supports pre-terminated FieldShield FLATdrop cable assemblies for individual drop applications
- 100% performance tested for insertion loss, return loss and final mechanical inspection

Protection

- Optimized for use with FieldShield Microduct and Pushable Fiber, as well as FieldShield FLATdrop cable assemblies
- Black UV resistant thermoplastic designed to resist corrosion
- Free breathing terminal provides durability and protection in the OSP environments
- 10 mm YOURx FlexPort provide duct/fiber protection as well as strain relief for drop cables

Access

- Four side entrance holes accept all multiple cable types - up to 144 fiber count - 3/4" O.D.
- Mid-span capabilities
- Two secure compartments, separate splices from the drop ports, providing network security
- Up to 24 drops
- Up to 36 individual fiber splices (two trays, 12 fibers per tray)
- Hinged cover allows easy access for installation and network maintenance
- Patch and splice (Clearfield's in-cassette splicing solution) configurations accept both flat drop and OSP cable types
- Optical component solutions maximize existing architectures and eliminate fiber exhaust scenarios

Investment

- Customer defined configurations - provides maximum scalability across multiple services classes
- "Grow-as-you-go" capabilities
- Pre-terminated factory polished pigtail assembly - insures improved network operability when spliced onto the feeder cable

Technical Specifications

| YOURx-Aerial Terminal - Patch and Splice | |
|--|--|
| Dimensions | 14.80" W x 11.61" H x 8.15" D (height includes strand bracket) |
| Material | Black UV resistant Thermoplastic |
| Mounting Options | Aerial or Strand Mount |
| Internal Slack Storage | Up to 12 feet of ribbon; up to 8 feet of loose tube |
| External Slack Storage | Virtually unlimited - depends on vault size or mounting application |
| Feeder Ports | Four silicone sealed ports on ends of unit; two on each end |
| Distribution Ports | Up to 24 - 10 mm YOURx FlexPorts that accept FieldShield® Microduct or FLATdrop connectors |
| Connector Types | SC/APC, SC/UPC, LC/APC, LC/UPC |
| Splicing Capabilities | Hold up to three 12-fiber splice trays or 36 splices |

Configured Part Numbers

AFT - - Z F - Z Z

1
 2
 3
 4

1 Select Distribution Port Count
(FlexPorts will match distribution ports)
 06 = 6 ports
 12 = 12 ports
 24 = 24 ports

2 Select Distribution Connector
 A = SC/UPC
 C = SC/APC
 F = LC/UPC
 H = LC/APC

3 Select Fiber Type
 1 = Loose Tube (6, 12 or 24 port)
 2 = Ribbon (12 and 24 port)

4 Select Number of Splice Trays
 1 = 1 tray (standard)
 2 = 2 trays
 3 = 3 trays

Accessories

- Aerial Hanger Bracket (019448) - adjustable aerial hanger bracket for YOURx-Aerial Terminal

