SmartRoute
Wall Box

Application

The patent-pending SmartRoute Wall Box is designed to fast-track and simplify fiber installations when landing up to 12 fibers in any environment. Clearfield's SmartRoute Wall Box combines cable, spooling technology and MPO connectorization in a single box or a stand-alone wall plate. This allows for maximum flexibility and efficient use of available space. The compact design can be pre-configured to terminate up to 12 fibers. This SmartRoute is an ideal solution for use in MDUs, SFUs, cell towers and business class services.

Description

The SmartRoute Wall Box contains one internal spool that can hold up to 200 feet of 3mm, 12-fiber plenum micro-cable or 12-fiber FieldShield Cable. The box can provide up to 12 connections on the front of the spool with an MPO or pigtail breakouts on the back side of the spool.

Features and Benefits

Integrity
- Terminations are designed and tested to Telcordia GR-326
- Clearfield FiberDeep Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
- Supports all industry standard singlemode and multimode connectors
- 100% performance tested for insertion loss, return loss and final mechanical inspect
- Box NEMA 4X, UL and F1 Weatherability Compliance
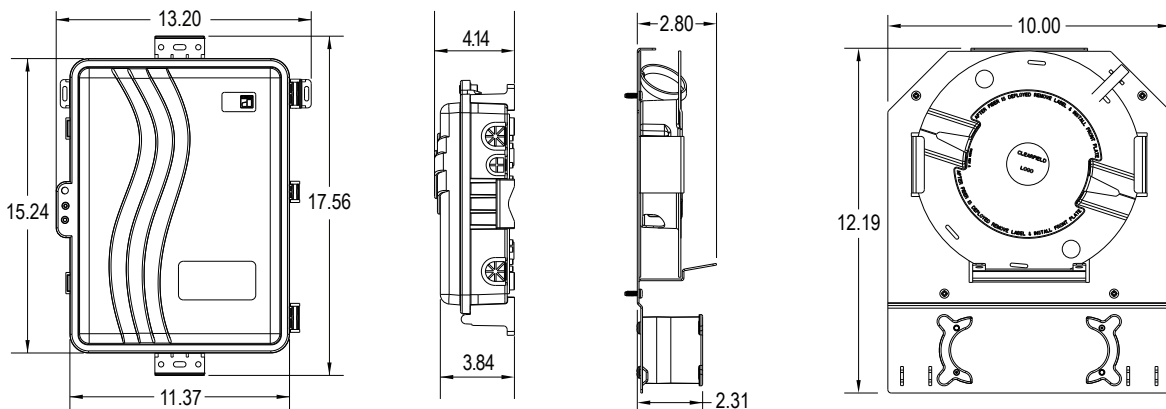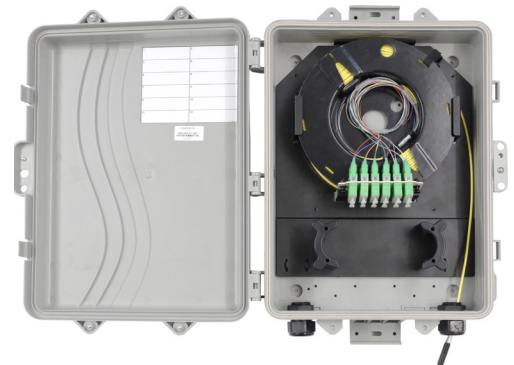
Protection
- Craft-friendly SmartRoute spool technology allows the installer to pullout the exact amount of cable required, and leaving the remaining slack safely stored on the spool
- Box includes security screw with padlock option, along with a gasket seal

Access
- Wall mount
- Slack storage for drop cables
- Two bottom 3/4" entry/exit ports are supported with ship along Sealcon connectors

Investment
- Pre-connectorized options eliminate labor and speed network construction
- Scalable to 12 ports of fiber
- One box for a variety of application uses

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CLEARFIELD

Technical Specifications

SmartRoute Wall Box	
Dimensions	Box: Inside: 14.1" H x 10" W x 5.25" D, Plate: 12.1" H x 10" W x 2.8" D
Port Density	6 and 12 ports = SC, 6 ports = LC Duplex
Connector Types	SC/UPC, SC/APC, MPO, LC/UPC, LC/APC
Cable Types	Indoor Plenum Rated IFC/FieldShield
Maximum Internal Spool Cable Length	200 feet
Material (Box)	High impact and flame retardant PVC3 / High column strength and low coefficient PBT
Mounting Options	Wall Mount

Configured Part Numbers

S R ___ - ___ ___ ___ ___ - ___ ___ ___ ___

[1] [2] [3] [4] [5] [6] [7] [8] [9]

1 Select Wall Box/Plate

W = Wall Box with Plate
P = Plate Only

2 Select Front Connector Type

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC

3 Select Cable Type

1 = SM stranded non-ribbon, plenum rated
3 = MM stranded non-ribbon, plenum rated

4 Select Cable Construction

Y = IFC Plenum
W = FieldShield

5 Select Number of Fibers

1 = 12 Fibers
3 = 6 Fibers

6 Select Rear Connector Type

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC
N = MPO Male Pushable
P = MPO Female Pushable
Z = None

7 Select Rear Breakout

B = 1 meter
C = ½ meter
Z = None

8 Select Rear Upjacketing

A = 900 μm
B = 2mm
Z = None

9 Select Length

1 = 25 feet
2 = 50 feet
3 = 75 feet
4 = 100 feet
5 = 125 feet
6 = 150 feet
7 = 175 feet
8 = 200 feet