FieldShield® SmarTerminal
Patch Only

Application

From the splitter in an active cabinet or fiber distribution hub, distribution cables can be transported into a consolidated splice point that serves multiple Multiport SmarTerminals each feeding up to eight homes. The pathway from the splice point to the terminal access point is established with a Clearfield® FieldShield Microduct. Once established, a Patch Only Multiport SmarTerminal is placed in the housing of choice at the terminal access point and the pre-determined length of FieldShield Optical Cable is pushed or pulled back to the consolidated splice point.

Description

The FieldShield Multiport SmarTerminal provides up to eight SC or 16 LC pre-connectorized drop ports with a FieldShield Pushable Feeder Cable built to customer specified lengths. The SmarTerminal can be configured with a factory terminated FieldShield Optical Cable, from two to eight SC or 16 dual LC ports, for the feeder configuration that can be pushed or pulled through FieldShield Microduct to a consolidated splice point in the serving area. Distribution ports are sealed with airtight, water tight caps until service turn-up is required.

Features and Benefits

Integrity
- Compliant to Telcordia GR-3120
- Supports FieldShield pushable SC and LC connectors
- 100% performance tested for insertion loss, return loss and final mechanical inspect
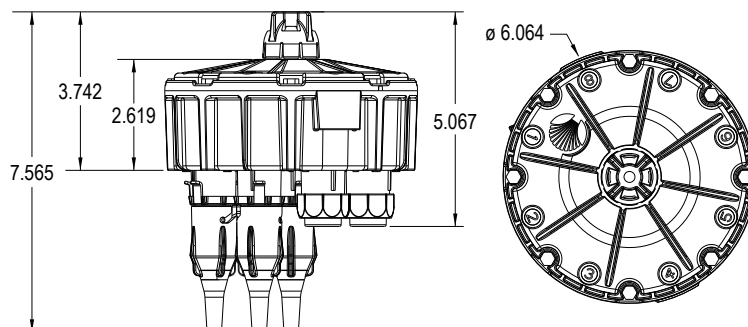
Protection
- Optimized for use with FieldShield microduct and pushable fiber
- Black UV resistant thermoplastic designed to resist corrosion
- Environmentally sealed terminal providing maximum reliability and durability in the harshest OSP environments
- Hardened Pushable Connectors provide bend-limiting, strain relief protection for FieldShield Pushable Drop Cables and Feeder Assemblies

Access
- Accepts up to 8 SC or 16 LC distribution ports
- Compact sealed design allows placement above or below grade
- Patch and splice configurations accept most Flat Drop and OSP cable types
- Optical component solutions maximize existing architectures and eliminate fiber exhaust scenarios

Investment
- Flexibility in configuration provides maximum scalability across multiple services classes
- Field-assembled FieldShield Pushable Drop Cables reduce installation time and labor costs by removing expensive splicing labor from the SmarTerminal to customer premise
- Pre-terminated factory polished feeder and drop cables improve network operability across multiple network access points

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CLEARFIELD

Technical Specifications

FieldShield SmarTerminal Patch Only	
Dimensions	4.74" H x 6.06" Diameter
Material	Black Thermoplastic
Mounting Methods	Snap-on Toggle Head; Universal L-Bracket; Universal Z-Bracket
Mounting Options	Below Grade: flower pot or vault Above Grade: cabinet, pedestal, pole mount or aerial/strand mount
Internal Slack Storage	N/A
External Slack Storage	Virtually unlimited - depends on vault size or mounting application
Feeder Ports	1 port in the middle of SmarTerminal - pre-stubbed with pigtail
Distribution Ports	SC: 2, 4, 6 or 8 ports; LC: 4, 8, 12 or 16 ports
Connector Types	SC/APC, SC/UPC, LC/APC, LC/UPC

Configured Part Numbers

F S T - ___ ___ ___ - Z 1 ___ - Z Z A XXXXM or XXXXF

   [1]   [2]   [3]

[1] Select Distribution Port Count

02 = 2 port
04 = 4 port
06 = 6 port
08 = 8 port
12 = 12 port (dual LC only)
16 = 16 port (dual LC only)

[2] Select Distribution Connector

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

[3] Select Cable Construction

T = Flat drop (non-tonable)
U = Flat drop (tonable)
W = FieldShield

XXXM or XXXF

XXXXM = Length in meters
XXXXF = Length in feet

SmarTerminal in a FieldSmart Fiber Delivery Point Pedestal

J2Z-000-ZZZ-ZZZ-01 pedestal shown

SmarTerminal in a CraftSmart Fiber Protection Box

FPB-1019 shown