

CFXC WDM Patch and Splice Pedestal

Buried distribution pedestal provides fiber backhaul at multi-tenant locations

The CFXC WDM Patch and Splice (CFXC-WPS) pedestal is designed to extend high-capacity fiber backhaul services, at multi-tenant wireless provider cell sites, business parks or remote terminals when limited dark fibers are available. The CFXC-WPS offers a lower cost alternative to placing traditional cabinet-type solutions for back-haul WDM deployments in the outside plant. Unlike metallic cabinets, the CFXC-WPS pedestal is flood proof and can be installed in almost any location. Its compact size makes it easier to install and more economical to place, without the need for an expensive concrete pad.

The CFXC-WPS pedestal supports six feed fibers for connection to the WDM input connections and is orderable with up to 72 distribution (customer) fibers. The pedestal has factory installed and tested fiber fanouts, routed from the bulkhead adapters to the fiber splice basket, for quicker network turn-up. Engineered to support loop-thru or terminal cabling configurations and up to five splice trays.



Product Features

- Integrated four-slot LGX-compatible panel supports up to 4 single-wide or 2 double-width LGX style CWDM modules
- 6 fiber SC (UPC or APC) feed-fiber shuttered adapters
- Up to 72 SC (UPC or APC) distribution fiber adapters
- 3-way bend controls for routing 1 meter jumpers to and from CWDM modules
- Adaptors are attached to connectorized fanouts on the backside that are installed, tested and routed to the splice area in the factory
- Non-metallic dome provides superior flood-proof environmental protection
- Interior dome for additional environmental protection
- Splice tray holder will hold up to five Charles 24-fiber splice trays
- Direct buried pedestal eliminates the need for expensive pads or concerns for getting right of ways for cabinet placement
- Six cable entry locations are provided with two (2) 1" seals and four (4) 5/8" seals
- Cable attachments provide secure cable and strength member attachment
- Bottom plate opens for easy access to cables and is secured with a 216 tool
- Rear door panel protects the back side of the cross-connect panel while providing access to the connectors if cleaning is required
- Address sheet for record keeping
- A colored fiber routing label provides easy "how to" reference to proper fiber jumper routing from the WDM to the cross-connect field
- Vault mount base option available for handhole attachment allowing storage of fiber cable slack

Product Specifications

Fiber Bulkhead Count:

Feed:

6-shuttered SC adapters

Distribution:

12, 24, 36, 48, and 72 SC adapter options

Placement Configurations:

Direct buried or vault mount pedestal base (option)

Connector Type:

SC/APC or SC/UPC

Cable Types:

Connectorized fiber fanouts provided – one (1) 6-fiber and multiple 12-fiber (equivalent to number of distribution bulkhead adapters)

Cable Lengths:

3 meter

Max # of Splitter Modules:

4-position LGX-compatible (4 single width or 2 double width modules)

Cable Entrance Grommets:

Six cable entry locations are provided with two (2) 1" seals and four (4) 5/8" seals

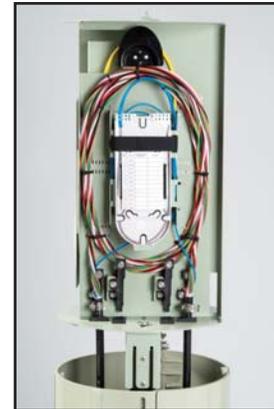
Environmental Protection:

Outer and inner domes



Ordering Information

Charles Part Number	Description
CFXC12E-W12B1S	CFXC 12" WDM Patch and Splice Pedestal, SC/UPC, 6 Fiber Feed and 12 Fiber Distribution Bulkhead, One (1) 6-Fiber and One (1) 12-Fiber Fanout, One (1) Splice Tray, One (1) 42" Mounting Stake
CFXC12E-W24B1S	CFXC 12" WDM Patch and Splice Pedestal, SC/UPC, 6 Fiber Feed and 24 Fiber Distribution Bulkhead, One (1) 6-Fiber and Two (2) 12-Fiber Fanouts, One (1) Splice Tray, One (1) 42" Mounting Stake
CFXC12E-W48B2S	CFXC 12" WDM Patch and Splice Pedestal, SC/UPC, 6 Fiber Feed and 48 Fiber Distribution Bulkhead, One (1) 6-Fiber and Four (4) 12-Fiber Fanouts, Two (2) Splice Trays, One (1) 42" Mounting Stake
CFXC12E-W72B3S	CFXC 12" WDM Patch and Splice Pedestal, SC/UPC, 6 Fiber Feed and 72 Fiber Distribution Bulkhead, One (1) 6-Fiber and Six (6) 12-Fiber Fanouts, Three (3) Splice Trays, One (1) 42" Mounting Stake



CFXC Splicing Area



CFXC Rear Door

Notes:

For SC/APC connectors: Update part number, change "B" to "A" (i.e. CFXC12E-W12A1)

For Vault base option: Update part number, change "-" to "V" (i.e. CFXC12EVW12B1)



Vault Base Option

ACCESSORIES

JS-SUSUM01-2BA	Fiber Jumpers, SC/UPC – SC/UPC, 2MM Jacketing, 1 meter long, Kit of 10 Jumpers
JS-SASAM01-2BA	Fiber Jumpers, SC/APC – SC/APC, 2MM Jacketing, 1 meter long, Kit of 10 Jumpers
UMS42-STD	Universal Mounting Stake, 42" long, includes Mounting Hardware
97-FIBR24TRAY	Charles Splice Tray, 12/24-Fibers, 4" X 6", includes six (6) Cable Ties, Address Label
97-SCU12LF3M	Fiber Fanout Assembly, 12-Fiber, SC/UPC Connectors, 900UM Bend Insensitive Loose-Tube, 3 meters
97-SCA12LF3M	Fiber Fanout Assembly, 12-Fiber, SC/APC Connectors, 900UM Bend Insensitive Loose-Tube, 3 meters
KIT-SCUPC12-A	Kit, twelve (12) SC/UPC Bulkhead Adapters, Ceramic Alignment Ferrule, Blue
KIT-SCAPC12-A	Kit, twelve (12) SC/APC Bulkhead Adapters, Ceramic Alignment Ferrule, Green

WDM MODULES

CWDM Modules

Contact Charles*	CWDM Module, LGX-Compatible
Contact Charles*	DWDM Module, LGX-Compatible



*For information on WDM filter options, please contact your Charles representative.

Dependable Solutions, Superior Support

- Field-proven and unequaled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9001/TL 9000 registered)

Visit our website at <http://www.charlesindustries.com>

Charles Industries, Ltd. Voice: (847) 806-6300
 Telecommunications Group Fax: (847) 806-6231
 E-mail: mktserv@charlesindustries.com



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