

**NEXTSTEP™**

## OPTICAL FIBER WALL MOUNT PATCH PANEL

---

PDS-0218-EN-B



## DESCRIPTION

NextSTEP™ Wall Mount Patch Panels are a major sub-system within the overall NextSTEP Technology™ solution; extending the innovation, flexibility, and accessibility of NextSTEP rack mount systems to wall mount installation environments.

NextSTEP Wall Mount Patch Panels feature an industry-first ‘stepped’ shelf design with capacity for up to six NextSTEP fiber modules in any combination in any shelf position. The panel allows easy installation or removal of all NextSTEP fiber modules from the front or rear, and the stepped positioning of the modules allows easy physical and visual access to any individual module without disrupting any other module co-resident in the panel. NextSTEP modules slide easily into any shelf position without the need for any tools, making initial deployment, subsequent MACs, and maintenance activities simple, fast and cost-effective.

The NextSTEP Wall Mount Panel’s small footprint and high fiber capacity saves space and reduces costs. All panels include a lockable door hinged at the bottom for superior internal access and reduced space requirements on the wall, along with rubber door seals for harsh environments. Top and bottom cable entry points maximize installation flexibility. Flexible internal cable management, routing and strain-relief are delivered through multiple internal cable tie bridges and Wirewerks’ exclusive CableBundler™ - our magnetic, infinitely repositionable cable management accessories.

## FEATURES and BENEFITS

- Stepped shelf design improves physical and visual access to modules and fiber management features
- Small foot-print (7.85" x 15.9")(200mm x 404mm) and high fiber counts save space and reduce costs:
  - Up to 72F with LC Patch Modules
  - Up to 144F with Splice Tray Modules (ribbon or single fiber)
- Full support for all fiber installation and termination methods:
  - Pre-terminated/Plug & Play (MPO Cassettes or MPO Adapter Strips)
  - Field-terminated Connectors (Patch Module)
  - Pigtail fusion splicing (Patch Module)
  - Ribbon fusion splicing (Splice Tray/Patch Module)
  - Splice Bay (Splice Tray Module)
  - C/D-WDM Modules
  - Splitter Modules
- Complete front and back access to all modules in the panel
- All modules slide-in/slide-out from the front or rear; no tools required
- Includes eight (8) CableBundler™ magnetic, infinity repositionable cable managers for strain-free customized cable routing and strain-relief
- Lockable front door
- Door hinges at bottom (versus typical side-hinge); improves interior accessibility and allows more panels in less wall space
- Rubber door seals provide ingress protection in harsh environments
- Top and bottom cable entrance options provide flexibility in positioning panels and routing cables. Choice of:
  - Two top entry cable glands: choice of 8-12mm or 13-18mm
  - Bottom entry: choice of foam or brush-style insert for ingress protection module
- Labeling template and labeling space for easy, accurate port identification
- Complete installation hardware and Instruction Guide

## APPLICATIONS

Vertical Markets	Installation Environments
Data Centers	Entrance Facility
Enterprise LANs	Telecom Room
MSO/Carrier Networks	Equipment Room
	Consolidation Point
	Central Office
	Cell Tower Base Station
	Fiber-to-the-Suite

## ORDERING INFORMATION

Part Number	Description	Bottom Cable Entrance	Top Cable Entrance
NS-PP-WM6S-AB	NextSTEP™ Wall Mount PP 6S, -/Brush	Brush Insert	Blank insert
NS-PP-WM6S-BB	NextSTEP™ Wall Mount PP 6S, 8-12mm/Brush		2 x 8-12mm cable glands
NS-PP-WM6S-CB	NextSTEP™ Wall Mount PP 6S, 13-18mm/Brush		2 x 13-18mm cable glands
NS-PP-WM6S-AF	NextSTEP™ Wall Mount PP 6S, -/Foam	Foam Insert	Blank insert
NS-PP-WM6S-BF	NextSTEP™ Wall Mount PP 6S, 8-12mm/Foam		2 x 8-12mm cable glands
NS-PP-WM6S-CF	NextSTEP™ Wall Mount PP 6S, 13-18mm/Foam		2 x 13-18mm cable glands

## INCLUDED

Part Number	Included
NS-PP-WM6S-AB NS-PP-WM6S-BB NS-PP-WM6S-CB NS-PP-WM6S-AF NS-PP-WM6S-BF NS-PP-WM6S-CF	5 x Wood screw #10 x 3/4" long
	4 x Plastic tie wrap, 12"
	1 X Hex screw 1/4-20 X 3/8" long
	1 x Danger/Caution safety sticker
	8 x NextSTEP™ CableBundle™ Magnetic Cable Managers
	1x NextSTEP™ Wall Mount Port ID label
	1x Instruction sheet

## PACKAGING and SHIPPING

Description	Dimensions	Shipping Weight
Cardboard box: 1 unit/box	17.7" x 9.3" x 6.2" (450mm x 237mm x 158mm)	11lb (5kg)

**PHYSICAL  
SPECIFICATIONS**

Attribute	Value
Dimensions	15.9" x 7.85" x 5.12" (404mm x 200mm x 131mm)
Weight	8.58lbs (3.9kg)
Plastic Materials	UL 94V-0 thermoplastic
Panel Materials	16 Gauge cold rolled steel (CRS)
Panel Finish	Silver Cloud powder paint

**MECHANICAL  
SPECIFICATIONS**

Parameter	Value
Operating Temperature	-40° to 75°C (-40° to 167°F)
Storage Temperature	-40° to 75°C (-40° to 167°F)

**STANDARDS  
COMPLIANCE**

**ANSI/TIA-568-C.3**  
Optical Fiber Cabling Components Standard

**TIA-569-B**  
Commercial Building Standard for  
Telecommunications Pathways and Spaces

**ANSI/TIA/EIA-606-A**  
Administration Standard for  
Telecommunications Infrastructure

**GR-449-CORE**  
Generic Requirements and Design  
Consideration for Fiber Distributing Frames

**UL 94**  
Tests for Flammability of Plastic Material  
for Parts in Devices

**RoHS**  
Directive on Restriction of Hazardous Substances



