wirewerks

NEXTSTEP™

COMPACT RACK-MOUNT PATCH PANEL

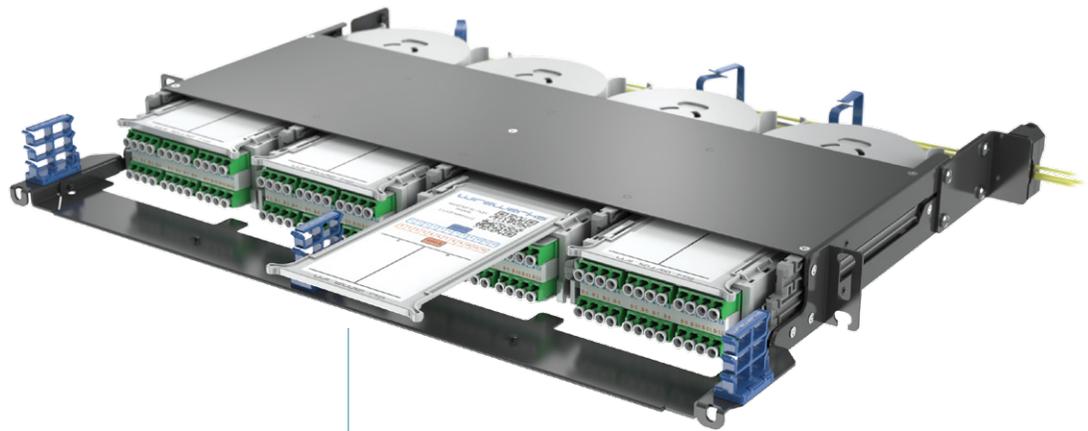**PDS-0251**

NextSTEP
Compact 1U

NextSTEP
Compact 2U

DESCRIPTION

Wirewerks' NextSTEP™ Compact Rack-Mount Patch Panel is a specialized version of the standard NextSTEP Rack-Mount Patch Panel. The **NS Compact Rack-Mount Patch Panel** conforms to industry standard height and width dimensions with an overall depth of just 15.0"/381mm. The overall depth is designed to meet 15" floor plan racking systems. More open space and easier rear access to panels, modules, connectors and fibers may be preferred by some users in certain fiber management applications. The specialized **NS Compact Patch Panel** allows customers to derive the operational and economic benefits of the feature-rich NextSTEP System across an even broader range of fiber management applications.

The **NS Compact Patch Panel** offers the same key design features found in standard-depth NextSTEP Patch Panels, including support for all NextSTEP Fiber Modules and the NextSTEP System's innovative fiber management accessories. The NS Compact Patch Panel is available is 1U and 2U configurations.
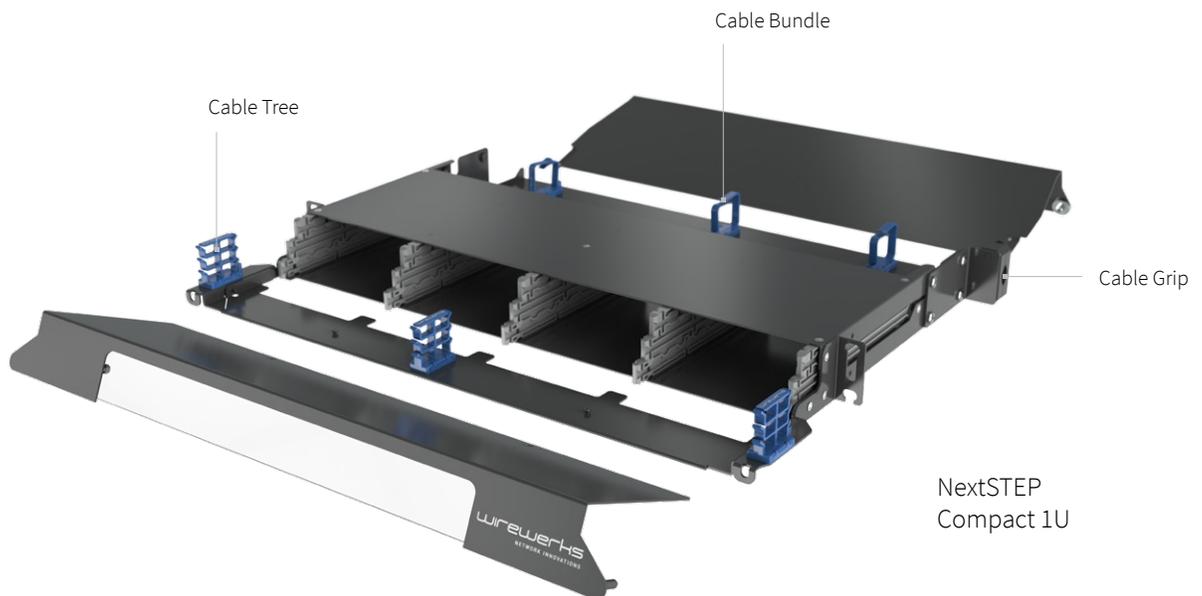

NextSTEP Compact 1U

NextSTEP 3S Module
Retractable Label Plate
shown in extended position

FEATURES and BENEFITS

- Reduced 15" depth designed specifically to be compatible with a 15" floor plan
- Enhanced rear accessibility allows multiple panels to be installed directly above or below each other in cabinets or racks
- Available in 1U and 2U configurations
- Compatible with all NextSTEP Patch Panels, Fiber Modules and fiber management accessories
- Supports Base-2/-8/-12 architectures (and multiples) for network design flexibility and migration to future high-speed network requirements
- Supports traditional density (96F/1U), high-density (144F/1U) and ultra high-density (1,152F with 24F-MPO Adapter Strip Modules/1U) to suit user/network operator preferences
- NS Modules may be mixed in the same panel to customize functionality for patching, distribution, splicing, splitter, WDM, and pre-term applications
- Easy, tool-less front/rear installation/removal of Fiber Modules
- Removable front and rear covers for easy technician access
- CableTree™ accessories provide fiber management, routing and strain-relief at front of panel
- CableBundle™ accessories provide fiber management, routing and strain-relief at rear of panel
- CableGrip™ accessory provides cable attachment and strain-relief at either rear corner of panel
- Precision engineered and manufactured with high-strength steel and high-impact thermoplastic materials yields durable, reliable, light-weight panels suitable for virtually any cabinet/rack space

For more information regarding **Wirewerks' NextSTEP Fiber Management System** and the related NextSTEP components referenced in this Product Data Sheet, please contact Customer Service at 1-888-993-4237 or customerservice@wirewerks.com.

Cable Tree

Cable Bundle

Cable Grip

NextSTEP Compact 1U

ORDERING INFORMATION

Part Number	Description
NS-PP-W1U1S	NextSTEP™ Compact 1U Rack Mount Patch Panel
NS-PP-W2U1S	NextSTEP™ Compact 2U Rack Mount Patch Panel

INCLUDED

Part Number	Included
NS-PP-W1U1S	Front and rear covers Self-adhesive identification label, 4.0" x 2.0"; 1 sheet of 10 labels 2 x danger/caution safety magnets 4 x machine screw 12-24, 1/2" long, Philips head 4 x machine screw 10-32, 1/2" long, Philips head 1 x CableGrip Strain Relief Bracket 4 x pan head Phillips machine screw, M4x0.7, 6mm length 2 x CableTree™ static magnetic cable managers 3 x CableBundle magnetic cable managers
NS-PP-W2U1S	Front and rear covers Front management bars Self-adhesive identification label, 4.0" x 2.5"; 1 sheet of 8 labels 2 x danger/caution safety magnets 6 x machine screw 12-24, 1/2" long, Philips head 6 x machine screw 10-32, 1/2" long, Philips head 1 x CableGrip Strain Relief 2U 4 x Pan head Phillips machine screw, M4x0.7, 6mm length 2x Static CableTree™ magnetic cable managers 1 x CableTree™ magnetic cable managers 3 x CableBundle magnetic cable managers

PACKAGING and SHIPPING

Part Number	Description	Dimensions	Shipping Weight
NS-PP-W1U1S	Cardboard Box: 1 unit/box	21.5" x 18.5" x 4.0" (546mm x 470mm x 102mm)	10.85 lbs (4.53kg)
NS-PP-W2U1S	Cardboard Box: 1 unit/box	21.5" x 18.5" x 5.75" (546mm x 470mm x 146mm)	17.25 lbs (7.71kg)

PHYSICAL SPECIFICATIONS

Attribute	NS-PP-W1U1S	NS-PP-W2U1S
Dimensions	19.0" x 1.73" x 15.0" (483mm x 44mm x 381mm)	19.0" x 3.45" x 15.0" (483mm x 88mm x 381mm)
Weight	8.85 lbs (3.63kg)	9.7 lbs (4.08kg)
Materials	UL 94V-0 thermoplastic	UL 94V-0 thermoplastic and cold rolled steel
Colour & Finish	Silver Cloud powder paint	Black 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-942-B
Telecommunications Infrastructure Standard for Data Centers

ANSI/TIA-568.3-D
Optical Fiber Cabling Components Standard

TIA-569-E
Commercial Building Standard for Telecommunications Pathways and Spaces

EIA/ECA-310-E
Cabinets, Racks, Panels and Associated Equipment standard

ANSI/TIA/EIA-606-C
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