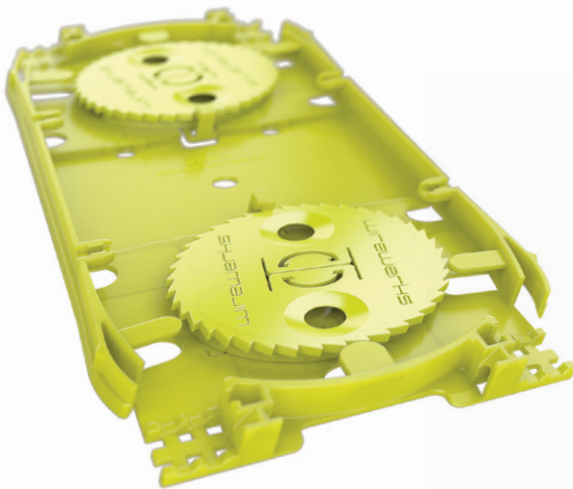


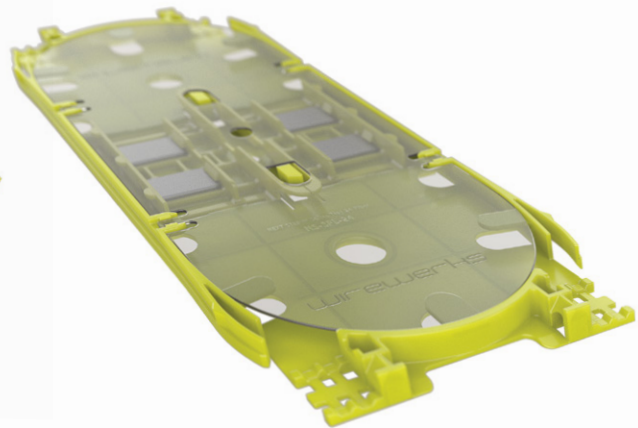
NEXTSTEP™

OPTICAL FIBER SPLICE TRAYS

PDS-0193



NextSTEP
Ribbon Fiber Splice Tray



NextSTEP
Fiber Splice Tray

DESCRIPTION

The **NextSTEP™ Fiber Splice Tray** and the **NextSTEP™ Ribbon Fiber Splice Tray** are innovative new splice trays that support fusion splicing applications for loose-tube, tight-buffered and ribbon fiber cables.

The **NextSTEP Fiber Splice Tray** is available in either 12F or 24F models for both loose-tube and tight-buffered fibers. Splices are secured within the Tray with either one or two 12-fiber snap-in 'splice sleeve holders', and each sleeve holder also supports one bare-fiber splitter. The industry-exclusive 'splice sleeve holders' secure splices in-place magnetically without having to press-fit newly spliced sleeves into rigid holders or clips - eliminating performance robbing 'micro-bends' in the splice sleeve. The 12F Splice Tray is easily field upgradeable to 24F capacity by adding a second snap-in 'splice sleeve holder'. Each Fiber Splice Tray ships with 12 or 24 high quality splice sleeves, cable ties, and a clear plastic tray cover to protect/contain fibers within the tray.

The **NextSTEP Ribbon Fiber Splice Tray** manages one or two 12F ribbon cables for a total of up to 24F per tray. The ribbon cable mass-splice sleeve is mounted 'standing up' into either of two 'ribbon slack wheels' integrated into the Tray. Each slack wheel manages up to 3' of slack on either side of the mass-splice sleeve within the tray itself (up to 6' per slack wheel). The 'on edge' orientation of the ribbon cables means that the cables spool neatly around the slack wheels and never crossover or twist within the tray. Proper bend radius and strain-relief are assured at all times.

Both Splice Trays are precision manufactured from high-impact yellow thermoplastic. The high-contrast yellow color improves visibility and reduces eyestrain, making installation and maintenance easier and faster with better results. Integrated tabs, routing features and cable-tie attachment points control bend radius and provide strain-relief; and both Splice Trays support cable entry at all 4 corners for maximum installation flexibility.

Both Splice Trays are fully compatible with all NextSTEP Patch Panels and support up to 288F in 1RU; 1,152F in 4RUs; and up to 144F in NextSTEP Wall Mount Patch Panels. Both Splice Trays may be inserted or removed from the front or rear of any NextSTEP Patch Panel, and both trays may be mixed or matched in any combination with other types of NextSTEP Fiber Modules.

FEATURES and BENEFITS

Description	Fiber Splice Tray NS-SPL-12/24	Ribbon Fiber Splice Tray NS-SPL-RIB-24
Application	Designed for individual fiber fusion splicing	Designed for ribbon fiber fusion splicing
Capacity	Up to 12F or 24F/Tray (Loose-tube or tight-buffered)	Up to 24F/Tray (2 x 12F ribbon cables/Tray)
Snap-in magnetic 'Splice Sleeve Holder' (Holds up to 12F + 1 bare-fiber splitter)	1 holder per 12F Tray (Field upgradeable to) 2 holders per 24F Tray	Not Applicable
Clear plastic Tray cover	Contains and protects individual fibers	
Ribbon Fiber Slack Wheel (2 per Tray)	Not Applicable	Manage up to 6' of ribbon cable per Wheel (2 Wheels per Tray)
		Controls bend radius and provides strain relief
Recommended splice sleeves	Wirewerks P/N SL-2506-5 (or equivalent)	Wirewerks P/N RSL-4001 (or equivalent)
Cable entry at all 4 corners	For maximum installation flexibility	
Multiple strain relief attachment points	For secure cable entry	
Integrated tabs and fiber routing features	For bend radius control and effective strain-relief	
High impact thermoplastic material	Durability and long-life	
Yellow color	High-contrast improves visibility to reduce technician eye-strain and fatigue	
Compatible with all NextSTEP Patch Panels	Mix'n'match Splice Trays with any other NextSTEP Module in any slot in any NextSTEP Patch Panel	
Trays slide-in/out from front or rear of Panel	Simplifies/expedites installation and maintenance	
Capacity in NextSTEP 1U Rack Mount	Up to 288F	Up to 288F (24 x 12F ribbon cables)
Capacity in NextSTEP 4U Rack Mount	Up to 1,152F	Up to 1,152F (96 x 12F ribbon cables)
Capacity in NextSTEP Wall Mount	Up to 144F	Up to 144F (12 x 12F ribbon cables)

APPLICATIONS

Vertical Markets	Installation Environments
Data Centers	Entrance Facility
Enterprise LANs	Telecom Room
MSO/Broadband Networks	Equipment Room
	Consolidation Point
	Central Office
	Cell Tower Base Station
	POLANs

ORDERING INFORMATION

Part Number	Description
NS-SPL-12	NextSTEP™ Fiber Splice Tray – 12 Fiber
NS-SPL-24	NextSTEP™ Fiber Splice Tray – 24 Fiber
NS-SPL-RIB-24	NextSTEP™ Ribbon Fiber Splice Tray – 24 Fiber
NS-SPL-H12	NextSTEP™ Snap-in Splice Sleeve Holder

INCLUDED

Part Number	Included
NS-SPL-12	12 Fiber Splice Tray Module (field upgradeable to 24F) 1 x Snap-in magnetic 'Splice Sleeve Holder' (P/N NS-SPL-H12) 12 x Fusion splice sleeve - Wirewerks P/N SL-2506-5 (2.5mm Ø X 60mm) 2 x Clip-in Strain Relief 1 x Clear plastic Splice Tray cover Installation Guide
NS-SPL-24	24 Fiber Splice Tray Module 2 x Snap-in magnetic 'Splice Sleeve Holder' (P/N NS-SPL-H12) 24 x Fusion splice sleeve - Wirewerks P/N SL-2506-5 (2.5mm Ø X 60mm) 4x Clip-in Strain Relief 1 x Clear plastic Splice Tray cover Installation Guide
NS-SPL-RIB-24	Ribbon Fiber Splice Tray Module (2 x 12F ribbon cables) 2 x Ribbon Fiber Slack Wheel 4x Clip-in Strain Relief Installation Guide 2x Ribbon Fusion Splice Sleeve - Wirewerks P/N RSL-4001 (40mm)
NS-SPL-H12	1 x Snap-in holder 2 x Magnets 12 x Splice sleeves

**PACKAGING
and SHIPPING**

Description	Dimensions and Shipping Weight
Zip Lock Poly Bag: 1 unit/bag	Packaging dimensions and shipping weight are variable based on order quantity

**PHYSICAL
SPECIFICATIONS**

Attribute	NS-SPL-12 - NS-SPL-24 - NS-SPL-RIB-24
Dimensions	9.75" x 4.1" x 0.47" (248mm x 104mm x 12mm)
Weight	0.33lb (0.15kg)
Plastic Materials	UL 94V-0 high-impact thermoplastic
Tray Color	Eye-Saver Yellow

**MECHANICAL
SPECIFICATIONS**

Parameter	Value
Operating Temperature	-40° to 75°C (-40° to 167°F)
Storage Temperature	-40° to 85°C (-40° to 185°F)

**STANDARDS
COMPLIANCE**

UL 94

Tests for Flammability of Plastic Material
for Parts in Devices and Appliances

RoHS

Directive on Restriction of Hazardous Substances