

optotec NPTD

New Pivoting Tray Drawer



Optotec's New Pivoting Tray Drawer (NPTD) is suitable for splicing and patching fiber optic cables.

Rack (or case) structure of these drawers are 19" size in metallic material with a removable front cover. Pivoting trays are mounted inside, right or left opening according to the request.

Furthermore, the internal layout of the trays can be easily integrated with splitters, WDM and any other passive device. NPTD trays can be configured both patch&splice mixed mode and patch only and they be supplied preloaded with adapters and pigtail (SC, LC, etc.).

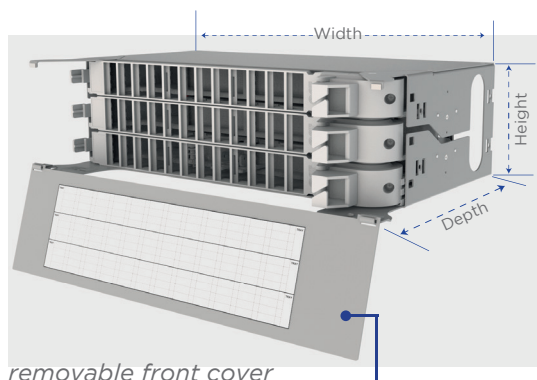
NPTD subracks are light gray RAL 7035 powder-coat painted. NPTD subracks can be mounted on ETSI frames by using suitable brackets.

KEY FEATURES AND BENEFITS

- Left and right pivoting trays for easy installation and maintenance around a single pivot point
- The pivot point puts very little stress on the fibers during the pivoting movement rather than moving them in a linear direction for a large distance
- Front-facing patch field with simple and safe patch cord management for easy access to the connectors
- High density
- Patch panel position (from 1 to 96) visible on the top of front-facing patch panel

APPLICATIONS

- Inside and outside plant installations - central offices, telecommunication equipment rooms, pops
- High density sub-rack patching and multi-cable interconnections



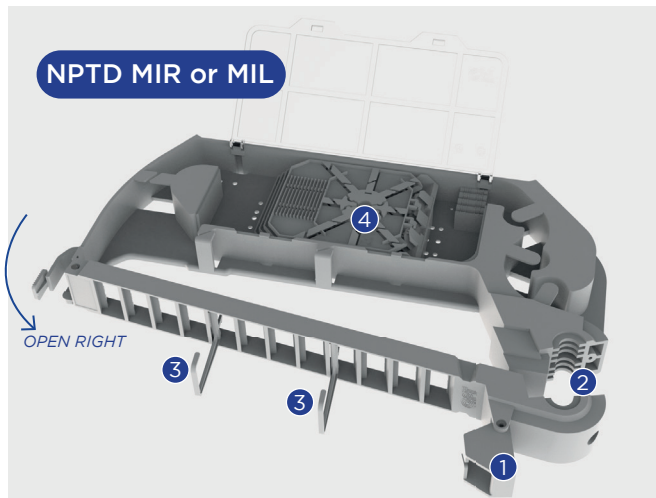
STANDARD TYPE	UNITS Number	DIMENSIONS (mm)			TRAYS NUMBER
		Height	Width	Depth	
19 INCHES	1U	44	475	274	1
	2U	84.5	475	274	UP TO 2
	3U	128	475	274	UP TO 3

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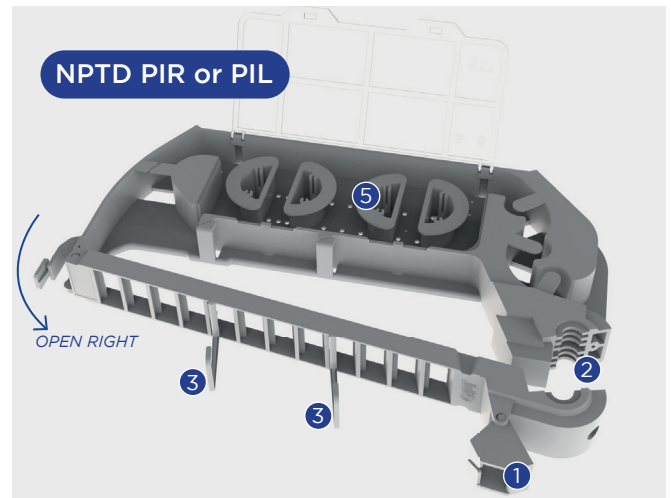
COMPONENTS

- ① Bending control for out patched cords
- ② Pivoting and openable fixing system for easy assembly

- ③ Patch cord sustaining hooks
- ④ RHD splice array module tray
- ⑤ Bending Control system with cable limiter drums



MIR Right Opening or MIL Left Opening
This type of Subrack Tray is used to
Patch & Splice



MIR Right Opening or MIL Left Opening
This type of Subrack Tray is used **only** to
Patch

GUIDE TO SPLICE

RHD single tray type - up to 6 pcs

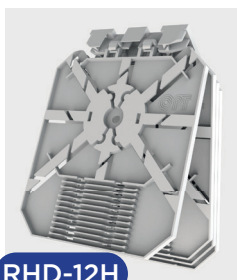
TECHNICAL FEATURES

- Loop-Back facility: Yes
- Material: ABS-PC
- Flammability Rating: UL-94 V0
- Color*: RAL 7035

**other colors available upon request*

APPLICATION

- Fiber management inside OPTOTEC products
- Hold and protect the splice

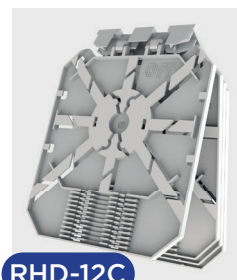


RHD-12H

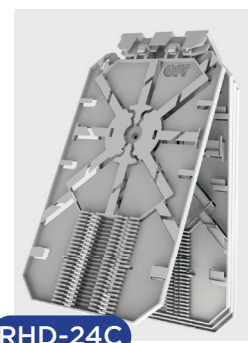


RHD-24H

HOLDER type H is used with fiberterm heat-shrinkable splice protection.



RHD-12C



RHD-24C

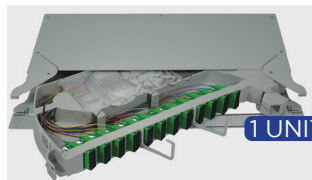
HOLDER type C is used with FIBERCLIP mechanical splice protection.

PACKAGING

PRODUCT NAME	PACKAGING TYPE	DIMENSIONS (MM)			GROSS WEIGHT (KG.)
		WIDTH	DEPTH	HEIGHT	
NPTD 1U + 19" mounting kit included	Carton Box	510	360	120	~3.5
NPTD 2U + 19" mounting kit included	Carton Box	510	360	155	~5.8
NPTD 3U + 19" mounting kit included	Carton Box	510	360	200	~9.5

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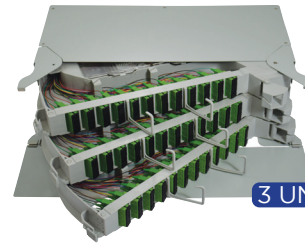
NPTD SC PATCH & SPLICE - ORDERING INFORMATION



1 UNIT



2 UNIT



3 UNIT

NPTD		MIR1			RHD4	12H		SO	48	48	
SERIES NAME	CONFIGURATION TYPE	STANDARD TYPE	OPENING SIDE TRAY	NO. UNITS	TRAYS TYPE AND NO.	SPLICE NO. X TRAY AND HOLDER TYPE	CONNECTOR TYPE	ADAPTER NO.	STANDARD* PIGTAILS NO.	OTHER POSSIBLE CUSTOMIZED CONFIGURATIONS	
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	1	RHD4	12H H= Heat-Shrinkable	SO (SC-PC Simplex)	12 24 36 48	12 24 36 48	00-00; 12-00; 24-00; 36-00; 48-00	
			L= LEFT			S2 (SC-APC Simplex)					
						SO (SC-PC Simplex)					
						S2 (SC-APC Simplex)					
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	2	RHD8	12H H= Heat-Shrinkable	SO (SC-PC Simplex)	72 96	72 96	48-48 / 48-00; 72-00; 96-00	
			L= LEFT			S2 (SC-APC Simplex)					
						SO (SC-PC Simplex)					
						S2 (SC-APC Simplex)					
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	12H H= Heat-Shrinkable	SO (SC-PC Simplex)	144	144	96-96 / 96-00; 144-00	
			L= LEFT			S2 (SC-APC Simplex)					
						SO (SC-PC Simplex)					
						S2 (SC-APC Simplex)					

*STANDARD SUPPLY according to G657.A1 with EIA/TIA 598-A color code. For any other fiber bending radius and color code specifications you need to ask

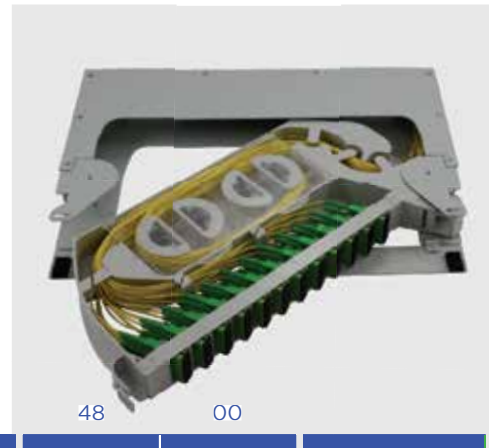
NPTD LC PATCH & SPLICE - ORDERING INFORMATION

NPTD	MIR1				RHD4	24H	2LO	72	144	
SERIES NAME	CONFIGURATION TYPE	STANDARD TYPE	OPENING SIDE TRAY	NO. UNITS	TRAYS TYPE AND NO.	SPLICE NO. X TRAY AND HOLDER TYPE	CONNECTOR TYPE	ADAPTER NO.	STANDARD* PIGTAILS NO.	OTHER POSSIBLE CUSTOMIZED CONFIGURATIONS
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	1	RHD4	24H H= Heat-Shrinkable	2LO (LC-PC SM Duplex)	24 36	48 72	24-24 / 24-00; 36-36 / 36-00
			L= LEFT			24C C= Mechanical Crimp	2L2 (LC-APC SM Duplex)			
							2LO (LC-PC SM Duplex)			
							2L2 (LC-APC SM Duplex)			
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	2	RHD8	24H H= Heat-Shrinkable	2LO (LC-PC SM Duplex)	48 72	96 144	36-36 / 36-00; 36-72; 48-48 / 48-00; 72-72 / 72-00
			L= LEFT			24C C= Mechanical Crimp	2L2 (LC-APC SM Duplex)			
							2LO (LC-PC SM Duplex)			
							2L2 (LC-APC SM Duplex)			
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	24H H= Heat-Shrinkable	2LO (LC-PC SM Duplex)	108	216	72-72 / 72-00; 72-144; 108-108 / 108-00
			L= LEFT			24C C= Mechanical Crimp	2L2 (LC-APC SM Duplex)			
							2LO (LC-PC SM Duplex)			
							2L2 (LC-APC SM Duplex)			

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NPTD SC PATCH ONLY - ORDERING INFORMATION



NPTD		MIR1			SO		48	00	
SERIES NAME	CONFIGURATION TYPE	STANDARD TYPE	OPENING SIDE TRAY	NO. UNITS	CONNECTOR TYPE	ADAPTER NO.	STANDARD* PIGTAILS NO.	OTHER POSSIBLE CUSTOMIZED CONFIGURATIONS	
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	1	SO (SC-PC Simplex)	48	00	00-00; 12-00; 24-00; 36-00	
					S2 (SC-APC Simplex)				
			L= LEFT		SO (SC-PC Simplex)				
					S2 (SC-APC Simplex)				
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	2	SO (SC-PC Simplex)	96	00	48-00; 72-00	
					S2 (SC-APC Simplex)				
			L= LEFT		SO (SC-PC Simplex)				
					S2 (SC-APC Simplex)				
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	3	SO (SC-PC Simplex)	144	00	96-00	
					S2 (SC-APC Simplex)				
			L= LEFT		SO (SC-PC Simplex)				
					S2 (SC-APC Simplex)				

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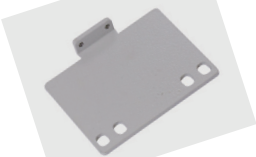
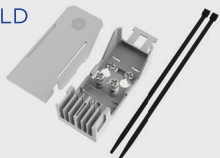
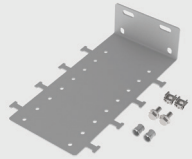
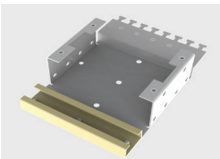
NPTD LC PATCH ONLY - ORDERING INFORMATION

NPTD		MIR1			2LO		48	00	
SERIES NAME	CONFIGURATION TYPE	STANDARD TYPE	OPENING SIDE TRAY	NO. UNITS	CONNECTOR TYPE	ADAPTER NO.	STANDARD* PIGTAILS NO.	OTHER POSSIBLE CUSTOMIZED CONFIGURATIONS	
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	1	2LO (LC-PC SM Duplex)	36	00	24-00	
			2L2 (LC-APC SM Duplex)						
			L= LEFT		2LO (LC-PC SM Duplex)				
			2L2 (LC-APC SM Duplex)						
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	2	2LO (LC-PC SM Duplex)	72	00	36-00; 48-00	
			2L2 (LC-APC SM Duplex)						
			L= LEFT		2LO (LC-PC SM Duplex)				
			2L2 (LC-APC SM Duplex)						
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	3	2LO (LC-PC SM Duplex)	108	00	72-00	
			2L2 (LC-APC SM Duplex)						
			L= LEFT		2LO (LC-PC SM Duplex)				
			2L2 (LC-APC SM Duplex)						

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NPTD HD PATCH & SPLICE COMPLEMENTARY ACCESSORIES KIT

KIT CODE EXTENSION AND PICTURE	DESCRIPTION
STDKIT-EMB1 	1U symmetric mounting bracket for 19" to ETSI.
STDKIT-EMB2 	1U symmetric mounting bracket for 19" to ETSI.
STDKIT-EMB3-4 	3U Symmetric mounting bracket for 19" to ETSI.
STDKIT-AMB1 	1U Asymmetric mounting bracket for 19" to ETSI. (to be used together with 19" bracket included in the basic kit)
STDKIT-AMB2 	2U Asymmetric mounting bracket for 19" to ETSI. (to be used together with 19" bracket included in the basic kit)
STDKIT-AMB3-4 	3U Asymmetric mounting bracket for 19" to ETSI. (to be used together with 19" bracket included in the basic kit)
STDKIT-CTS-MANIFOLD 	For cable fixing and branching up to 24x transportation tubes (Ø5x3mm). Suitable for 2x cables.
STDKIT-CFP 	For side fixing in side ducts of racks. Used to fix: - 4 fiber optic cables (Ømax 40mm) - 4 cts-manifold
PE-PIPE-5x3 	Loose tube cable termination on the shelf.
STDKIT-TD 	Tube divider to separate transportation tubes.
CABLE FIXING PLATE ASSEMBLY 	To fix up to 10 fiber optic cables. Transportation tubes (corrugated pipes, etc.).  <i>U-clamps needed for cable fixing available on demand (cable range 8-28mm).</i>

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