



# 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.).

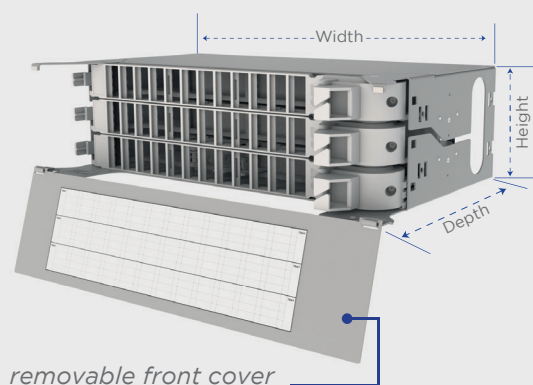
NPTD subracks are light gray RAL 7035 powder-coat painted. NPTD subracks can be mounted on ETSI frames by using suitable brackets.

### 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

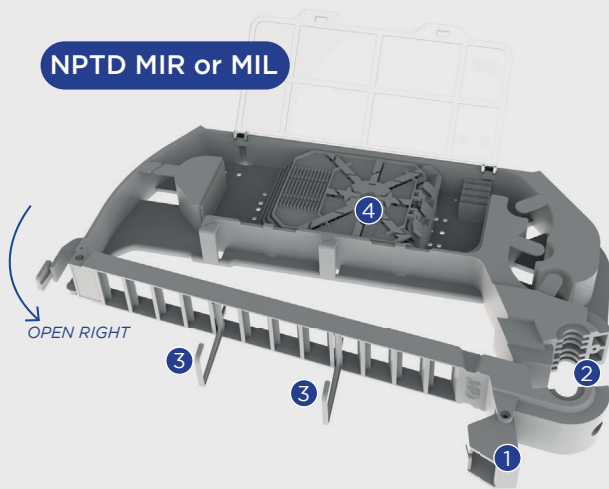


STANDARD TYPE	UNITS Number	DIMENSIONS (mm)			TRAYS NUMBER
		Height	Width	Depth	
19 INCHES	1U	44	475	274	1
	2U	84.5	475	274	UP TO 2
	3U	128	475	274	UP TO 3

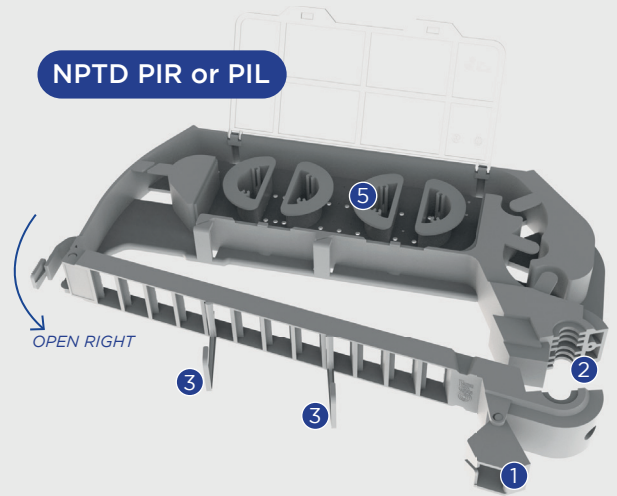
## COMPONENTS

- 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

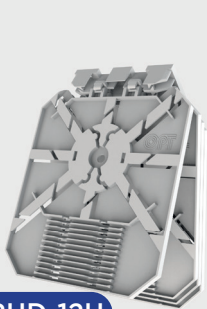
### TECHNICAL FEATURES

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

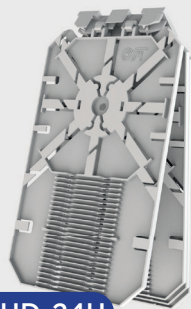
*\*other colors available upon request*

### APPLICATION

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

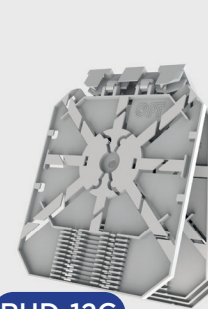


**RHD-12H**

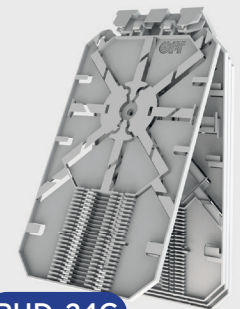


**RHD-24H**

*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.*

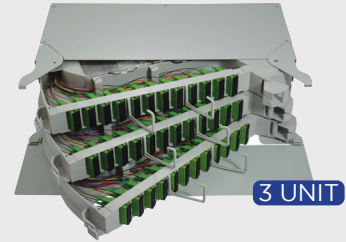
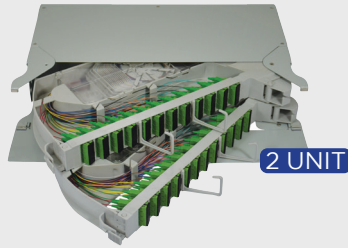
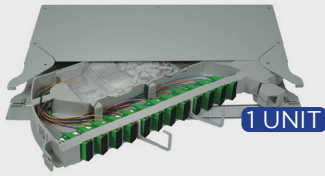
## PACKAGING

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

The information given herein, including drawings, illustrations and schematics are intended for illustration purposes only and is believed to be reliable. However, STL makes no warranties to its accuracy or completeness and disclaims any liability in connection with its use. STL obligations shall only be set forth in STL standard sales terms and conditions and in no case shall STL be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product.

Users of STL products should make their own evaluation to determine the suitability of each product for the specific application.

## NPTD SC PATCH & SPLICE - ORDERING INFORMATION



NPTD	MIR1	RHD4	12H	S0	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	S0 (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)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	2	RHD8	12H H= Heat-Shrinkable	S0 (SC-PC Simplex)				72 96	72 96	48-48 / 48-00; 72-00; 96-00			
			L= LEFT				S2 (SC-APC Simplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	12H H= Heat-Shrinkable	S0 (SC-PC Simplex)	144	144	96-96 / 96-00; 144-00						
			L= LEFT				S2 (SC-APC Simplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	12H H= Heat-Shrinkable	S0 (SC-PC Simplex)				144	144	96-96 / 96-00; 144-00			
			L= LEFT				S2 (SC-APC Simplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	12H H= Heat-Shrinkable	S0 (SC-PC Simplex)							144	144	96-96 / 96-00; 144-00
			L= LEFT				S2 (SC-APC Simplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	12H H= Heat-Shrinkable	S0 (SC-PC Simplex)	144	144	96-96 / 96-00; 144-00						
			L= LEFT				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	2L0	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	2L0 (LC-PC SM Duplex)	24 36	48 72	24-24 / 24-00; 36-36 / 36-00						
			L= LEFT				2L2 (LC-APC SM Duplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	2	RHD8	24H H= Heat-Shrinkable	2L0 (LC-PC SM Duplex)				48 72	96 144	36-36 / 36-00; 36-72; 48-48 / 48-00; 72-72 / 72-00			
			L= LEFT				2L2 (LC-APC SM Duplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	24H H= Heat-Shrinkable	2L0 (LC-PC SM Duplex)	108	216	72-72 / 72-00; 72-144; 108-108 / 108-00						
			L= LEFT				2L2 (LC-APC SM Duplex)									
NPTD	M = Mixed Patch & Splice	I=19 INCHES	R= RIGHT	3	RHD12	24H H= Heat-Shrinkable	2L0 (LC-PC SM Duplex)							108	216	72-72 / 72-00; 72-144; 108-108 / 108-00
			L= LEFT				2L2 (LC-APC SM Duplex)									

\*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

The information given herein, including drawings, illustrations and schematics are intended for illustration purposes only and is believed to be reliable. However, STL makes no warranties to its accuracy or completeness and disclaims any liability in connection with its use. STL obligations shall only be set forth in STL standard sales terms and conditions and in no case shall STL be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product.

Users of STL products should make their own evaluation to determine the suitability of each product for the specific application.

## 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
			L= LEFT		S2 (SC-APC Simplex)			
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	2	SO (SC-PC Simplex)	96	00	48-00; 72-00
			L= LEFT		S2 (SC-APC Simplex)			
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	3	SO (SC-PC Simplex)	144	00	96-00
			L= LEFT		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 ONLY - ORDERING INFORMATION




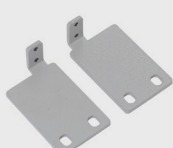


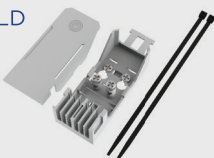
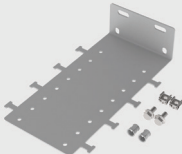

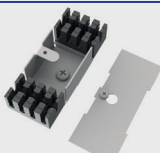
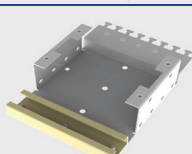

NPTD		MIR1		2LO		48	00	
SERIES NAME	CONFIGURATION TYPE	STANDARD TYPE	OPENING SIDE TRAY	NO. UNITS	CONNECTOR TYPE	ADAPTER NO.	STANDARD* PIGTAILS NO.	OTHER POSSIBLE CUSTOMIZED CONFIGURATIONS
NPTD	P = Patch only	I=19 INCHES	R= RIGHT	1	2LO (LC-PC SM Duplex)	36	00	24-00
			L= LEFT		2L2 (LC-APC SM Duplex)	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

\*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

The information given herein, including drawings, illustrations and schematics are intended for illustration purposes only and is believed to be reliable. However, STL makes no warranties to its accuracy or completeness and disclaims any liability in connection with its use. STL obligations shall only be set forth in STL standard sales terms and conditions and in no case shall STL be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product.

Users of STL products should make their own evaluation to determine the suitability of each product for the specific application.

## 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 ( $\varnothing 5 \times 3 \text{mm}$ ). Suitable for 2x cables.
STDKIT-CFP 	For side fixing in side ducts of racks. Used to fix: - 4 fiber optic cables ( $\varnothing \text{max } 40 \text{mm}$ ) - 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>

The information given herein, including drawings, illustrations and schematics are intended for illustration purposes only and is believed to be reliable. However, STL makes no warranties to its accuracy or completeness and disclaims any liability in connection with its use. STL obligations shall only be set forth in STL standard sales terms and conditions and in no case shall STL be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product.

Users of STL products should make their own evaluation to determine the suitability of each product for the specific application.