OPTIMUS WALL TERMINALS

Optimus Indoor Wall Terminal (OIWT)

24 Fiber Terminal
72F single-splice capacity
24 SC-APC Simplex Adapters

48 Fiber Terminal
144F single-splice capacity
48 SC-APC Simplex Adapters

72 Fiber Terminal
216F single-splice capacity
72 SC-APC Simplex Adapters

OPTIMUS ®

Optimus Indoor Wall Terminals are fiber terminals with provider and subscriber sides for MDU and businesses that feature splice/interconnect and splitter functions. OIWT is offered in three sizes to offer 24, 48, and 72 distributed fiber counts. All OIWT sizes are now compatible with the Channell Universal Splice Tray.

FEATURES

- **Lay-in cable entry system for ease of installation**
- **Flexible bottom or top entry options for cable**
- **Provides craft separation with double-door design**
- **7/16" drive lock on both doors for added security**
- **Removable doors for increased workspace when opened**
- **Provison for accesory splitter casettes**

FEATURES AND BENEFITS

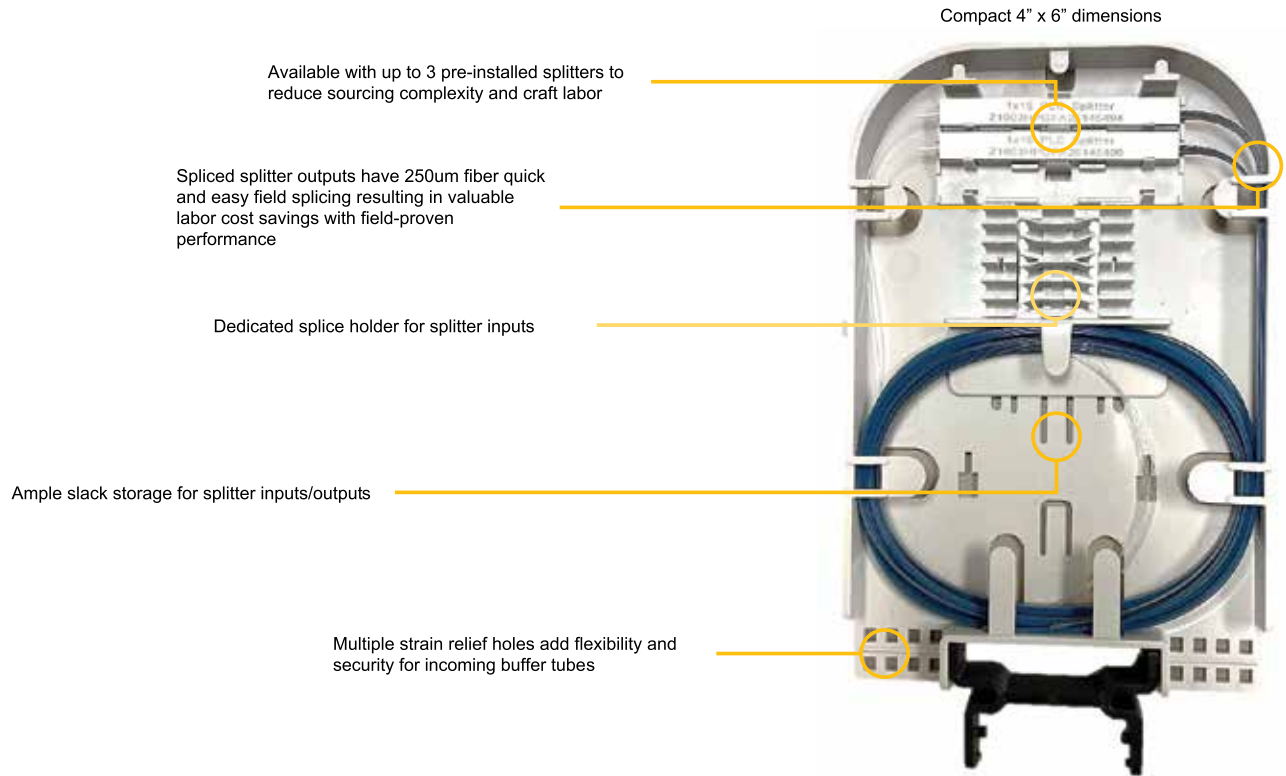| Feature	Benefit
Available in 24F, 48F, and 72F configurations	Accommodates variety of applications (MDU, FTTB, others)
Universal Splice Tray Compatible	Flexibility in splicing and splitters while minimizing complexity
Provides craft separation with double-door design	Clear demarcation between provider and subscriber
7/16" drive lock on both doors for added Security	Standard can wrench hex-lock compatible
Removable doors for increased workspace when opened	Improves craft access and working room allowing for quick turn-up
Top and bottom cable entry options with CTM clips	Flexibility in cable installs along with robust strain relief

Removable Doors

TECHNICAL SPECIFICATIONS

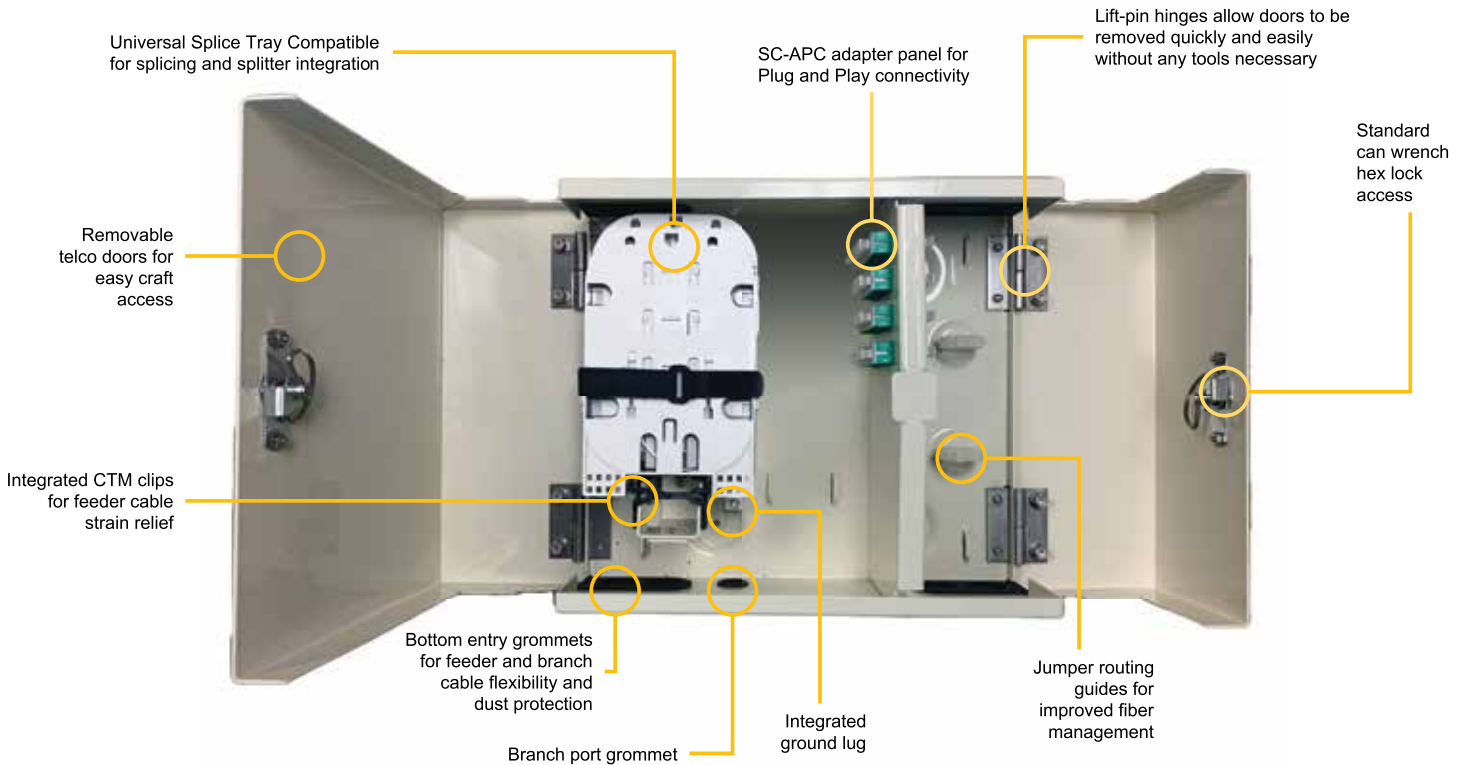| Feature	OIWT024	OIWT048	OIWT072
Dimensions (Overall)	10.5" x 12.5" x 4.25"	14.5" x 15.0" x 5.25"	17.5" x 18.0" x 5.25"
Weight (lbs)	4.7	6.9	9.5
Port Density	24 SC-APC	48 SC-APC	72 SC-APC
Number of Splice Trays	2	4	6
Splice Capacity (max)	72F (single fiber), 96F (mass fusion)	144F (single fiber), 192F (mass fusion)	216F (single fiber), 288F (mass fusion)
Ground Lug	Included		
Material	Corrosion Resistant Aluminum (almond color)		

RECOMMENDED CONFIGURATIONS

Part Number	Description
OIWT024A1NN	OPTIMUS INDOOR WALL TERMINAL, 24F, SC/APC, (1) SPLICE TRAY
OIWT048A1NN	OPTIMUS INDOOR WALL TERMINAL, 48F, SC/APC, (1) SPLICE TRAY
OIWT072A1NN	OPTIMUS INDOOR WALL TERMINAL, 72F, SC/APC, (1) SPLICE TRAY

UNIVERSAL SPLICE TRAY

Compact 4" x 6" dimensions

Available with up to 3 pre-installed splitters to reduce sourcing complexity and craft labor

Spliced splitter outputs have 250um fiber quick and easy field splicing resulting in valuable labor cost savings with field-proven performance

Dedicated splice holder for splitter inputs

Ample slack storage for splitter inputs/outputs

Multiple strain relief holes add flexibility and security for incoming buffer tubes

OIWT 024 PRODUCT OVERVIEW

Universal Splice Tray Compatible for splicing and splitter integration

SC-APC adapter panel for Plug and Play connectivity

Lift-pin hinges allow doors to be removed quickly and easily without any tools necessary

Standard can wrench hex lock access

Removable telco doors for easy craft access

Integrated CTM clips for feeder cable strain relief

Bottom entry grommets for feeder and branch cable flexibility and dust protection

Branch port grommet

Integrated ground lug

Jumper routing guides for improved fiber management

ACCESSORY KITS

Image	Part Number	Description	Pack QTY
	USTKT-3	Universal Splice Tray Kit - Splice Tray with two 12-fiber single fusion splice holders (3- pack)	3
	USTKT-12	Universal Splice Tray Kit - Splice Tray with two 12-fiber single fusion splice holders (12- pack)	12
	USTKT-SF-12F	12-fiber single fusion splice holders for Universal Splice Tray (50-pack)	50
	USTKT-MF- 48F	48-fiber mass fusion splice holders for Universal Splice Tray (50-pack)	50
	USTKT-SPL-3	3-position PLC splitter holders for Universal Splice Tray (50-pack)	50
	USTKT-FBR-ORG	Fiber organizer for Universal Splice Tray (50-pack)	50
	BCON4400-00023- 00	CONNECTOR, FO SHIELD BOND/PAIR SAVER (24-PACK)	24
	ADP-SCASN1-50	SC-APC Adapter, Simplex, No Flange, 50-pack	50

SPLITTER CONFIGURATIONS

Part Number	Description
SPL1X02BNBANPPK	Splitter 1x2 PLC 60x7x4, 1m splice input, 1m SC–APC output, 12–pack
SPL1X04BNBANPPK	Splitter 1x4 PLC 60x7x4, 1m splice input, 1m SC–APC output, 12–pack
SPL1X08BNBANPPK	Splitter 1x8 PLC 60x7x4, 1m splice input, 1m SC–APC output, 12–pack
SPL1X16BNBANPPK	Splitter 1x16 PLC 60x12x4, 1m splice input, 1m SC–APC output, 12–pack
SPL1X02DNDNNPPK	Splitter 1x2 PLC 60x7x4, 2m splice input, 2m splice output, 12–pack
SPL1X04DNDNNPPK	Splitter 1x4 PLC 60x7x4, 2m splice input, 2m splice output, 12–pack
SPL1X08DNDNNPPK	Splitter 1x8 PLC 60x7x4, 2m splice input, 2m splice output, 12–pack
SPL1X16DNDNNPPK	Splitter 1x16 PLC 60x7x4, 2m splice input, 2m splice output, 12–pack
SPL1X32DNDNNPPK	Splitter 1x32 PLC 60x7x4, 2m splice input, 2m splice output, 12–pack
SPL2X08DNDNNPPK	Splitter 2x8 PLC 60x7x4, 2m splice input, 2m splice output, 12–pack

PACKAGING AND SHIPPING INFORMATION

Configuration	Pallet Dimensions	Pallet QTY	Truckload QTY
OIWT024	41" x 49"	120	3360
OIWT048	41" x 49"	48	1344
OIWT072	41" x 49"	32	896

CHANNELL
Where The Industry Connects.

081522