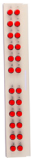


ODF WALL MOUNT INDOOR 6-24 FIBERS



P/N : ODFWIS24U



P/N : SNPIS2S1US



P/N : SNPIS2S2US

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Steel cabinet wall mount for indoor application
- Cabinet made from electro galvanize steel 1 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with single snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Support fiber bending radius 30 mm
- Nice shape, easy installment and maintenance
- Easily fixed by swell bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company

Accessories :

- Cable tie, water proof connector and swell bolt
- Adapter, pigtail, splice tray and fusion sleeve as optional

Adapter Capacity :

- FC/SC/ST adapter type support 24 fibers with 24 FC or SC single snap plate
- LC (SCF) adapter type support 48 fibers with 24 SC single snap plate

Dimensions :

- 290 W x 60 D x 360 H mm

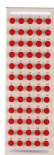
Ordering Information :

P/N	Descriptions
ODFWIS24U	ODF Wall I/D Steel 24F (6-24F) Size 290x60x360 mm

ODF WALL MOUNT INDOOR 48-60 FIBERS



P/N : ODFWIS60U



P/N : SNPIS4S1US

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Steel cabinet wall mount for indoor application
- Cabinet made from electro galvanize steel 1.2 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Separate area 60% for splicing and 40% for patching
- Support FC/SC/ST/LC adapter type with single slide snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Support fiber bending radius 30 mm
- Nice shape, easy installment and maintenance
- Easily fixed by swell bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Aluminum cabinet as optional
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company
- Meet AIS DTAC True requirements

Accessories :

- Cable tie, water proof connector and swell bolt
- Adapter, pigtail, splice tray and fusion sleeve as optional

Adapter Capacity :

- FC/SC/ST adapter type support 48 or 60 fibers with 48 or 60 FC or SC single slide snap plate
- LC (SCF) adapter type support 96 or 120 fibers with 48 or 60 SC single slide snap plate

Dimensions :

- 400 W x 150 D x 400 H mm

Ordering Information :

P/N	Descriptions
ODFWIS60U	ODF Wall I/D Steel 60F (48-60F) Size 400x150x400 mm

ODF WALL MOUNT INDOOR 48-312 FIBERS

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Steel cabinet wall mount for indoor application
- Cabinet made from electro galvanize steel
 - *0.9 mm thickness for WIS48U and WIS96U
 - *1.2 mm thickness for WIS168U, WIS240U and WIS312U
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with single snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Support fiber bending radius 30 mm
- Nice shape, easy installment and maintenance
- Easily fixed by swell bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Aluminum cabinet as optional
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company

Accessories :

- Cable tie, water proof connector and swell bolt
- Adapter, pigtail, splice tray and fusion sleeve as optional

Dimensions :

- ODFWIS48U : 400 W x 80 D x 380 H mm
- ODFWIS96U : 460 W x 130 D x 380 H mm
- ODFWIS168U : 440 W x 153 D x 800 H mm
- ODFWIS240U : 440 W x 188 D x 800 H mm
- ODFWIS312U : 440 W x 230 D x 800 H mm



P/N : ODFWIS96U



P/N : ODFWIS168U

Adapter Capacity :

P/N	Dimensions (mm)			Maximum Fiber Cores	Snap Plate Type	Connector Type
	W	D	H			
ODFWIS48U	400	80	380	24-48F (Snap Plate 24 FC Snap Plate 24 SC Snap Plate 48FC Snap Plate 48SC)	Snap Plate 24 (24F)	FC/ST/SC/E2000
					Snap Plate 24 (48F)	LC Duplex SCF
					Snap plate 48 (48F)	FC/ST/SC/E2000
					Snap plate 48 (96F)	LC Duplex SCF
ODFWIS96U	460	130	380	72-96F (Snap Plate 72 FC Snap Plate 96 SC)	Snap plate 72 (72F)	FC/ST
					Snap plate 96 (96F)	SC/E2000
					Snap plate 96 (192F)	LC Duplex SCF
ODFWIS168U	440	153	800	168F	Snap Plate 168 (168F)	FC/ST/SC/E2000
					Snap Plate 168 (336F)	LC Duplex SCF
ODFWIS240U	440	188	800	240F	Snap Plate 240 (240F)	FC/ST/SC/E2000
					Snap Plate 240 (480F)	LC Duplex SCF
ODFWIS312U	440	230	800	312F	Snap Plate 312 (312F)	FC/ST/SC/E2000
					Snap Plate 312 (624F)	LC Duplex SCF

Ordering Information :

P/N	Descriptions
ODFWIS48U	ODF Wall I/D Steel 48F (24-48F) Size 400x80x380 mm
ODFWIS96U	ODF Wall I/D Steel 96F (72-96F) Size 460x130x380 mm
ODFWIS168U	ODF Wall I/D Steel 168F (120-168F) Size 440x153x800 mm
ODFWIS240U	ODF Wall I/D Steel 240F (168-240F) Size 440x188x800 mm
ODFWIS312U	ODF Wall I/D Steel 312F (240-312F) Size 440x230x800 mm

ODF MINI WALL MOUNT INDOOR 6-12 FIBERS



P/N : ODFWIS12U

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Steel cabinet wall mount for indoor application
- Cabinet made from electro galvanize steel 0.8 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with snap plate
- Splicing and distribution 12 fibers per mini-splice tray
- Nice shape, easy installment and maintenance
- Easily fixed by swell bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company
- Meet AIS requirements

Accessories :

- Cable tie, water proof connector and swell bolt
- Adapter, pigtail, splice tray and fusion sleeve as optional

Adapter Capacity :

- FC/SC/ST adapter type support 12 fibers
- LC (SCF) adapter type support 24 fibers

Dimensions :

- 262 W x 84 D x 160 H mm

Ordering Information :

P/N	Descriptions
ODFWIS12U	ODF Wall I/D Steel 12F (6-12F) Size 262x84x160 mm

ODF MINI WALL MOUNT OUTDOOR 6-12 FIBERS



P/N : ODFWOS12U

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Steel cabinet wall/pole mount for outdoor application
- Cabinet made from electro galvanize steel 1 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with snap plate
- Splicing and distribution 12 fibers per mini-splice tray
- Nice shape, easy installment and maintenance
- Easily fixed by swell bolt or bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company
- Meet AIS requirements

Accessories :

- Cable tie and water proof connector
- Adapter, pigtail, splice tray and fusion sleeve as optional

Adapter Capacity :

- FC/SC/ST adapter type support 12 fibers
- LC (SCF) adapter type support 24 fibers

Dimensions :

- 308 W x 94 D x 206 H mm

Ordering Information :

P/N	Descriptions
ODFWOS12U	ODF Wall O/D Steel 12F (6-12F) Size 308x94x206 mm

ODF WALL/POLE MOUNT OUTDOOR 168-312 FIBERS



P/N : ODFWOA168U

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Aluminum Cabinet wall/pole mount for outdoor application
- Cabinet made from aluminum 2.0 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with single snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Support fiber bending radius 30 mm
- Nice shape, easy installment and maintenance
- Easily fixed by bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Steel cabinet as optional
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company

Accessories :

- Cable tie, water proof connector
- Rear supporting bracket (without bolt)
- Adapter, pigtail, splice tray and fusion sleeve as optional

Dimensions :

- ODFWOA168U : 440 W x 157 D x 810 H mm
- ODFWOA240U : 440 W x 189 D x 810 H mm
- ODFWOA312U : 440 W x 225 D x 810 H mm

Adapter Capacity :

P/N	Dimensions (mm)			Maximum Fiber Cores	Snap Plate Type	Connector Type
	W	D	H			
ODFWOA168U	440	157	810	168F	Snap Plate 168 (168F)	FC/ST/SC/E2000
					Snap Plate 168 (336F)	LC Duplex SCF
ODFWOA240U	440	189	810	240F	Snap Plate 240 (240F)	FC/ST/SC/E2000
					Snap Plate 240 (480F)	LC Duplex SCF
ODFWOA312U	440	225	810	312F	Snap Plate 312 (312F)	FC/ST/SC/E2000
					Snap Plate 312 (624F)	LC Duplex SCF

Ordering Information :

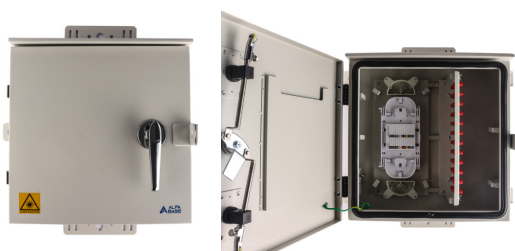
P/N	Descriptions
ODFWOA168U	ODF Wall O/D AL 168F (120-168F) Size 440x157x810 mm
ODFWOA240U	ODF Wall O/D AL 240F (168-240F) Size 440x189x810 mm
ODFWOA312U	ODF Wall O/D AL 312F (240-312F) Size 440x225x810 mm

ODF WALL/POLE MOUNT OUTDOOR 24/48/60/144 FIBERS (SLIDE SNAP PLATE)

ALFA 1 Series (IP55)



P/N : ODFWOA24U-V1



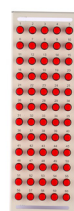
P/N : ODFWOA60U-V1



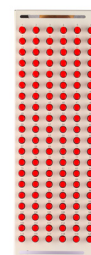
P/N : ODFWOA144U-V1



P/N : SNPOS2A1US



P/N : SNPOS4A1US



P/N : SNPOS8A1US

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Aluminum Cabinet wall/pole mount for outdoor application
- Cabinet made from aluminum 1.5 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with single slide snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Support fiber bending radius 30 mm
- Nice shape, easy installment and maintenance
- Easily fixed by bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Steel cabinet as optional
- Accept custom design and special order

Standard :

- Manufactured by ISO 9001-2015 company
- EEI tested and approved for IP55
- Meet AIS DTAC True requirements

Accessories :

- Cable tie, water proof connector
- Rear supporting bracket (without bolt)
- Adapter, pigtail, splice tray and fusion sleeve as optional

Dimensions :

- WOA24U-V1 : 340 W x 128 D x 400 H mm
- WOA60U-V1 : 390 W x 170 D x 480 H mm
- WOA144U-V1 : 440 W x 200 D x 540 H mm

Adapter Capacity :

P/N	Dimensions (mm)			Maximum Fiber Cores	Snap Plate Type	Connector Type
	W	D	H			
ODFWOA24U-V1	340	128	400	24-48F (Snap Plate Slide 24 FC or SC)	Snap plate 24 (24F)	FC/ST/SC/E2000
					Snap plate 24 (48F)	LC Duplex SCF
ODFWOA60U-V1	390	170	480	60-120F (Snap Plate Slide 60 FC or SC)	Snap plate 60 (60F)	FC/ST/SC/E2000
					Snap plate 60 (120F)	LC Duplex SCF
ODFWOA144U-V1	440	200	540	144-288F (Snap Plate Slide 144 FC or SC)	Snap Plate 144 (144F)	FC/ST/SC/E2000
					Snap Plate 144 (288F)	LC Duplex SCF

Ordering Information :

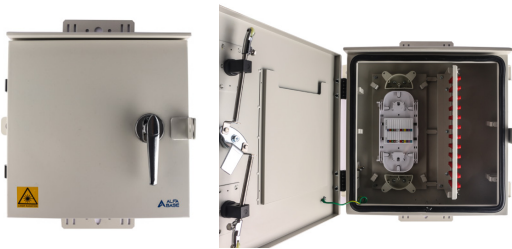
P/N	Descriptions
ODFWOA24U-V1	ODF Wall O/D AL 24F (24-48F) Size 340x128x400 mm
ODFWOA60U-V1	ODF Wall O/D AL 60F (60-120F) Size 390x170x480 mm
ODFWOA144U-V1	ODF Wall O/D AL 144F (144-288F) Size 440x200x540 mm

ODF WALL/POLE MOUNT OUTDOOR 24/48/60/144 FIBERS (SLIDE SNAP PLATE)

ALFA 3 Series (IP65)



P/N : ODFWOA24U-V2



P/N : ODFWOA60U-V2



P/N : ODFWOA144U-V2

Applications :

- Interface and distribute the fiber optical communication system

Features :

- Aluminum Cabinet wall/pole mount for outdoor application
- Cabinet made from aluminum 1.5 mm thickness
- Combine splicing function, storing of fiber optical cable, patch cord and pigtail
- Store and protect excess optical cable and patch cord
- Support FC/SC/ST/LC adapter type with single slide snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Support fiber bending radius 30 mm
- Nice shape, easy installment and maintenance
- Easily fixed by bolt, convenient for operation and inspection
- Provide strength member holder to fix the main fiber cable
- Light gray cabinet
- Steel cabinet as optional
- Accept custom design and special order

Standard :

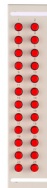
- Manufactured by ISO 9001-2015 company
- EEI tested and approved for IP65
- Meet AIS DTAC True requirements

Accessories :

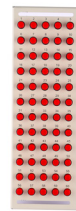
- Cable tie, water proof connector
- Rear supporting bracket (without bolt)
- Adapter, pigtail, splice tray and fusion sleeve as optional

Dimensions :

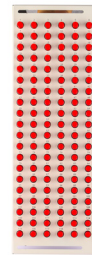
- ODFWOA24U-V2 : 340 W x 128 D x 400 H mm
- ODFWOA60U-V2 : 390 W x 170 D x 480 H mm
- ODFWOA144U-V2 : 440 W x 200 D x 540 H mm



P/N : SNPOS2A1US



P/N : SNPOS4A1US



P/N : SNPOS8A1US

Adapter Capacity :

P/N	Dimensions (mm)			Maximum Fiber Cores	Snap Plate Type	Connector Type
	W	D	H			
ODFWOA24U-V2	340	128	400	24-48F (Snap Plate Slide 24 FC or SC)	Snap plate 24 (24F)	FC/ST/SC/E2000
					Snap plate 24 (48F)	LC Duplex SCF
ODFWOA60U-V2	390	170	480	60-120F (Snap Plate Slide 60 FC or SC)	Snap plate 60 (60F)	FC/ST/SC/E2000
					Snap plate 60 (120F)	LC Duplex SCF
ODFWOA144U-V2	440	200	540	144-288F (Snap Plate Slide 144 FC or SC)	Snap Plate 144 (144F)	FC/ST/SC/E2000
					Snap Plate 144 (288F)	LC Duplex SCF

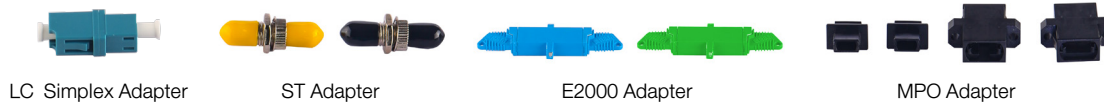
Ordering Information :

P/N	Descriptions
ODFWOA24U-V2	ODF Wall O/D AL 24F (24-48F) Size 340x128x400 mm
ODFWOA60U-V2	ODF Wall O/D AL 60F (60-120F) Size 390x170x480 mm
ODFWOA144U-V2	ODF Wall O/D AL 144F (144-288F) Size 440x200x540 mm

Adapter :

Applications :

- CATV
- Telecommunication networks
- Test equipment
- Metro
- Multimedia
- DATA networks
- Video
- FTTX



Specifications :

Parameter	FC, ST		SC, LC, E2000		MPO	
	Singlemode	Multimode	Singlemode	Multimode	Singlemode	Multimode
Insertion Loss	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB	≤ 0.2 dB
Mating Durability 500 times	< 0.2 dB	< 0.2 dB	< 0.2 dB	< 0.2 dB	N/A	N/A
Operation Temperature	-40 to +75 °C	-40 to +75 °C	-40 to +75 °C	-40 to +75 °C	-25 to +70 °C	-25 to +70 °C
Material :						
Body	Zinc-Alloy	Zinc-Alloy	PBT	PBT	Polyetherimide	Polyetherimide
Sleeve	Ceramic (ZrO ₂)	Phosphor Bronze (PB)	Ceramic (ZrO ₂)	Ceramic (ZrO ₂)	N/A	N/A

Ordering Information :

P/N	Descriptions
AD1US1-01	FC Adapter D-Hole Ceramic Sleeve
AD1AS1-01	FC/APC Adapter D-Hole Ceramic Sleeve
AD2US1-01	SC Adapter SM Simplex
AD2AS1-01	SC/APC Adapter SM Simplex
AD2US1-61	SC Adapter SM Simplex w/o Flange
AD2AS1-61	SC/APC Adapter SM Simplex w/o Flange
AD2UM1-01	SC Adapter MM Simplex
AD3US1-01	ST Adapter SM Ceramic
AD4US2-01	LC Adapter SM Duplex SCF
AD4US2-61	LC Adapter SM Duplex SCF w/o Flange
AD4AS2-01	LC/APC Adapter SM Duplex SCF
AD4UM2-01	LC Adapter MM Duplex SCF
AD4UM2-61	LC Adapter MM Duplex SCF w/o Flange
AD4UM2-01-AQ	LC Adapter MM Duplex SCF Aqua
AD8NB-9	MPO Adapter Key Up/Key Down
AD8NB-8	MPO Adapter Key Up/Key UP



SC Simplex Adapter



SC Duplex Adapter

Fiber Pigtail :

Applications :

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing network
- Test equipment
- Premise installations
- Wide Area Networks (WANs)
- FTTX

Features :

- Low insertion loss and back reflection loss
- Good exchangeability
- Good durability
- High temperature stability
- Standard : Telcordia GR-326-CORE, ITU-T

Availability :

- Various boot type and color available
- Accept custom



Pigtail :

- Superior qualified standard PC/UPC/APC polishing 100% optic test (IL and RL)
- PVC or LSZH cable available in 0.9 mm, 2.0 mm and 3.0 mm diameter
- Available for G.652D, G.655, G.657A2, G.657B3 for singlemode and OM2, OM3, OM4, OM5 for multimode

Specifications :

Parameter	Singlemode	Multimode
Insertion Loss	UPC ≤ 0.2 dB, APC ≤ 0.3 dB	≤ 0.3 dB
Return Loss	UPC ≥ 50 dB, APC ≥ 60 dB	
Fiber Type	G.652D, G.655, G.657A2, G.657B3	OM2, OM3, OM4, OM5
Fiber Core/Cladding	9/125 μ m	50/125 μ m
Polishing Grade	UPC, APC	UPC
Wavelength	1310/1550 nm	850/1310 nm
Repeatability	≤ 0.1 dB	
Durability	≤ 0.2 dB typical change, 500 matings	
Interchangeability	≤ 0.2 dB	
Tensile Strength	> 10 kg	
Cable Diameter	0.9, 2.0, 2.4, 3.0 mm	
Cable Jacket	PVC, LSZH (Low Smoke Zero Halogen)	
Operation Temperature	-40 to $+75^{\circ}$ C	

Splice Tray and Sleeve :



White Splice Tray 24 Fibers

Splice Tray 24 Fibers

- Splice tray for 24 fibers
- 12 slots for 60 mm fusion sleeve (double stack to 24 sleeves)
- ABS grade plastic
- Body hook to stack each splice tray
- More 10 trays to stacking
- White color
- Port label sticker
- Plastic clear cover in each tray
- Four ways cable entry
- Size 225x115x13 mm



Black Splice Tray 12 Fibers

Splice Tray 12 Fibers

- Splice tray for 12 fibers
- 12 slots for 60 mm fusion sleeve
- ABS grade plastic
- Stainless hook to stack each splice tray
- Black color
- Four ways cable entry
- Size 175x115x10 mm



Mini-Black Splice Tray 12 Fibers

Mini-Splice Tray 12 Fibers

- Splice tray for 12 fibers
- 12 slots for 60 mm fusion sleeve
- ABS grade plastic
- Body hook to stack each splice tray
- Black color
- Four ways cable entry
- Size 126x88.2x17.5 mm



Fusion Sleeve

Fusion Sleeve

- 60 mm length
- 40 mm length
- Protect fiber optic fusion splice

Accessories for ODF :



Cable Management



Cable Tie



Water Proof Connector (Cable Gland)



Swell Bolt



Rear Supporting Bracket for Outdoor Cabinet