

# ODF RACK MOUNT 6-36 FIBERS 1U SLIDE WITHOUT DRAWER

## ECO Series



P/N : R1UD

### Applications :

- Interface and distribute the fiber optical communication system

### Features :

- Steel cabinet slide rack mount without drawer
- 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
- Support FC/SC/ST/LC/E2000/MPO adapter type with 3 mini-snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Nice shape, easy installment and maintenance
- Easily fixed by cage nut on 19"/21" standard rack, convenient for operation and inspection
- Light gray cabinet
- Accept custom design and special order

### Standard :

- Manufactured by ISO 9001-2015 company

### Accessories :

- Cage nut, cable tie and cable gland
- Adapter, pigtail, splice tray and fusion sleeve as optional

### Adapter Capacity :

- FC/SC/ST/E2000 adapter type support 18 fibers for 6 FC or SC mini-snap plate and 36 fibers for 12 FC or SC mini-snap plate
- LC (SCF) adapter type support 36 fibers for 6 SC mini-snap plate
- MPO adapter type support 18 ports for 6 MPO mini-snap plate

### Dimensions :

- 440 W x 255 D x 44 H mm

### Ordering Information :

P/N	Descriptions
R1UD-S-36F	ODF Rack Mount 36F (6-36F) 1U Slide without Drawer, 3 Mini-Snap Plate, Size 440x255x44 mm

# ODF RACK MOUNT 6-24 FIBERS 1U SLIDE WITH DRAWER



P/N : R1UF

### Applications :

- Interface and distribute the fiber optical communication system

### Features :

- Steel cabinet slide rack mount with drawer
- 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
- Support FC/SC/ST/LC/E2000 and MPO adapter type with 2 snap plate
- Splicing and distribution 12 fibers or 24 fibers per tray
- Clip-lock front cover, nice shape, easy installment and maintenance
- Easily fixed by cage nut on 19"/21" standard rack, convenient for operation and inspection
- Light gray cabinet
- Aluminum rack mount as optional
- Accept custom design and special order

### Standard :

- Manufactured by ISO 9001-2015 company

### Accessories :

- Cage nut, cable tie and cable gland
- Adapter, pigtail, splice tray and fusion sleeve as optional

### Adapter Capacity :

- FC/SC/ST/E2000 adapter type support 12 fibers for 6 FC or SC snap plate and 24 fibers for 12 FC or SC snap plate
- LC (SCF) adapter type support 24 fibers for 6 SC snap plate and 48 fibers for 12 SC snap plate
- MPO adapter type support 12 ports for 6 MPO snap plate

### Dimensions :

- 440 W x 310 D x 44 H mm (1U)
- 440 W x 310 D x 66 H mm (1.5U)

### Ordering Information :

P/N	Descriptions
R1UF-D-24F	ODF Rack Mount 24F (6-24F) 1U Slide with Drawer, Front Cover Flat Type, 2 Snap Plate, Size 440x310x44 mm
R1.5UA-D-24F	ODF Rack Mount 24F (6-24F) 1.5U Slide with Drawer, Front Cover Flat Type, Size 440x310x66 mm

# ODF RACK MOUNT 48-240 FIBERS 2U-7U SLIDE WITH DRAWER

## Applications :

- Interface and distribute the fiber optical communication system

## Features :

- Steel cabinet slide rack mount with drawer
- 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
- Support FC/SC/ST/LC/ E2000 and MPO adapter type with snap plate of following rack mount size
- Splicing and distribution 12 fibers or 24 fibers per tray
- Clip-lock front cover, nice shape, easy installment and maintenance
- Easily fixed by cage nut on 19"/21" standard rack, convenient for operation and inspection
- Light gray cabinet
- Aluminum rack mount as optional
- Accept custom design and special order

## Standard :

- Manufactured by ISO 9001-2015 company

## Accessories :

- Cage nut, cable tie and cable gland
- Adapter, pigtail, splice tray and fusion sleeve as optional

## Dimensions :

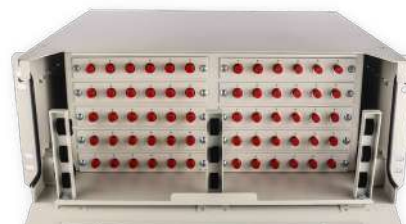
- 2U : 440 W x 310 D x 88 H mm
- 3U : 440 W x 310 D x 133 H mm
- 4U : 440 W x 433 D x 177 H mm
- 5U : 440 W x 433 D x 222 H mm
- 6U : 440 W x 480 D x 266 H mm
- 7U : 440 W x 480 D x 308 H mm



P/N : R2UC



P/N : R3UD



P/N : R4UA

Adapter Capacity :

P/N	Dimensions (mm)			Maximum Fiber Cores	Snap Plate Type	Adapter Type
	W	D	H			
R2UC-48F	440	310	88	24-96F 24 MPO (4 Snap Plate)	Snap Plate 6 (6F)	FC/ST/SC/E2000
					Snap Plate 12 (12F)	FC/ST/SC/E2000
					Snap Plate 12 (24F)	LC Duplex SCF
					Snap Plate 6 (MPO)	MPO Adapter
R3UD-96F	440	310	133	48-192F 48 MPO (8 Snap Plate)	Snap Plate 6 (6F)	FC/ST/SC/E2000
					Snap Plate 12 (12F)	FC/ST/SC/E2000
					Snap Plate 12 (24F)	LC Duplex SCF
					Snap Plate 6 (MPO)	MPO Adapter
R4UA-120F	440	433	177	60-240F 60 MPO (10 Snap Plate)	Snap Plate 6 (6F)	FC/ST/SC/E2000
					Snap Plate 12 (12F)	FC/ST/SC/E2000
					Snap Plate 12 (24F)	LC Duplex SCF
					Snap Plate 60 (60F)	FC/ST/SC/E2000
					Snap Plate 60 (120F)	LC Duplex SCF
					Snap Plate 6 (MPO)	MPO Adapter
R5UA-168F	440	433	222	84-336F 84 MPO (14 Snap Plate)	Snap Plate 6 (6F)	FC/ST/SC/E2000
					Snap Plate 12 (12F)	FC/ST/SC/E2000
					Snap Plate 12 (24F)	LC Duplex SCF
					Snap Plate 84 (84F)	FC/ST/SC/E2000
					Snap Plate 84 (168F)	LC Duplex SCF
					Snap Plate 6 (MPO)	MPO Adapter
R6UA-192F	440	480	266	96-384F 96 MPO (16 Snap Plate)	Snap Plate 6 (6F)	FC/ST/SC/E2000
					Snap Plate 12 (12F)	FC/ST/SC/E2000
					Snap Plate 12 (24F)	LC Duplex SCF
					Snap Plate 96 (96F)	FC/ST/SC/E2000
					Snap Plate 96 (192F)	LC Duplex SCF
					Snap Plate 6 (MPO)	MPO Adapter
R7UA-240F	440	480	308	120-480F 120 MPO (20 Snap Plate)	Snap Plate 6 (6F)	FC/ST/SC/E2000
					Snap Plate 12 (12F)	FC/ST/SC/E2000
					Snap Plate 12 (24F)	LC Duplex SCF
					Snap Plate 120 (120F)	FC/ST/SC/E2000
					Snap Plate 120 (240F)	LC Duplex SCF
					Snap Plate 6 (MPO)	MPO Adapter

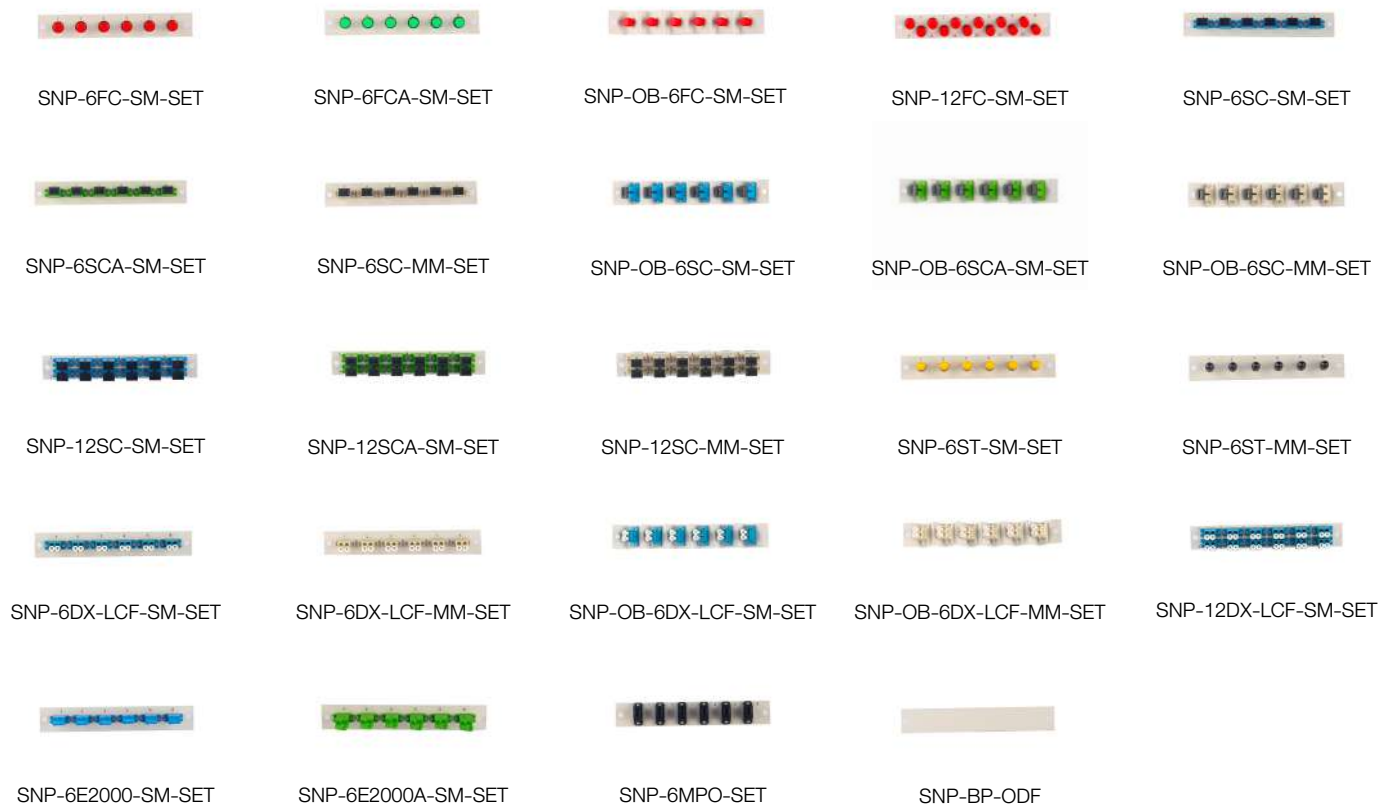
Ordering Information :

P/N	Descriptions
R2UC-48F	ODF Rack Mount 48F (24-48F) 2U Slide with Drawer, Front Cover, 4 Snap Plate, Size 440x310x88 mm
R3UD-96F	ODF Rack Mount 96F (48-96F) 3U Slide with Drawer, Front Cover, 8 Snap Plate, Size 440x310x133 mm
R4UA-120F	ODF Rack Mount 120F (60-120F) 4U Slide with Drawer, Front Cover, 10 Snap Plate, Size 440x433x177 mm
R5UA-168F	ODF Rack Mount 168F (84-168F) 5U Slide with Drawer, Front Cover, 14 Snap Plate, Size 440x433x222 mm
R6UA-192F	ODF Rack Mount 192F (96-192F) 6U Slide with Drawer, Front Cover, 16 Snap Plate, Size 440x480x266 mm
R7UA-240F	ODF Rack Mount 240F (120-240F) 7U Slide with Drawer, Front Cover, 20 Snap Plate, Size 440x480x308 mm

Ordering Information :

P/N	Descriptions
SNAP PLATE FOR ODF RACK MOUNT 1U-7U SLIDE WITH DRAWER	
SNP-6MPO-SET	Snap Plate 6MPO with Adapter
SNP-OB-6MPO-SET	Snap Plate Oblique 6MPO with Adapter
SNP-6FC-SM-SET	Snap Plate 6FC SM with Adapter
SNP-OB-6FC-SM-SET	Snap Plate Oblique 6FC SM with Adapter
SNP-12FC-SM-SET	Snap Plate 12 FC SM with Adapter
SNP-6FC-MM-SET	Snap Plate 6FC MM with Adapter
SNP-OB-6FC-MM-SET	Snap Plate Oblique 6FC MM with Adapter
SNP-12FC-MM-SET	Snap Plate 12FC MM with Adapter
SNP-6ST-SM-SET	Snap Plate 6ST SM with Adapter
SNP-12ST-SM-SET	Snap Plate 12ST SM with Adapter
SNP-6ST-MM-SET	Snap Plate 6ST MM with Adapter
SNP-12ST-MM-SET	Snap Plate 12ST MM with Adapter
SNP-6SC-SM-SET	Snap Plate 6SC SM with Adapter
SNP-OB-6SC-SM-SET	Snap Plate Oblique 6SC SM with Adapter
SNP-12SC-SM-SET	Snap Plate 12 SC SM with Adapter
SNP-6SC-MM-SET	Snap Plate 6 SC MM with Adapter
SNP-OB-6SC-MM-SET	Snap Plate Oblique 6SC MM with Adapter
SNP-12SC-MM-SET	Snap Plate 12SC MM with Adapter
SNP-6DX-LCF-SM-SET	Snap Plate 6LC SCF SM with Adapter
SNP-OB-6DX-LCF-SM-SET	Snap Plate Oblique 6LC SCF SM with Adapter
SNP-12DX-LCF-SM-SET	Snap Plate 12LC SCF SM with Adapter
SNP-6DX-LCF-MM-SET	Snap Plate 6LC SCF MM with Adapter
SNP-OB-6DX-LCF-MM-SET	Snap Plate Oblique 6LC SCF MM with Adapter
SNP-12DX-LCF-MM-SET	Snap Plate 12LC SCF MM with Adapter

Snap Plate :



Ordering Information :

P/N	Descriptions
<b>MINI - SNAP PLATE FOR ODF RACK MOUNT 1U WITHOUT DRAWER</b>	
SNPMINI-6FC-SM-SET	Mini-Snap Plate 6FC SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-12FC-SM-SET	Mini-Snap Plate 12FC SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6FC-MM-SET	Mini-Snap Plate 6FC MM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-12FC-MM-SET	Mini-Snap Plate 12FC MM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6ST-SM-SET	Mini-Snap Plate 6ST SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-12ST-SM-SET	Mini-Snap Plate 12ST SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6ST-MM-SET	Mini-Snap Plate 6ST MM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-12ST-MM-SET	Mini-Snap Plate 12ST MM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6SC-SM-SET	Mini-Snap Plate 6SC SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-12SC-SM-SET	Mini-Snap Plate 12SC SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6SC-MM-SET	Mini-Snap Plate 6SC MM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-12SC-MM-SET	Mini-Snap Plate 12SC MM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6DX-LCF-SM-SET	Mini-Snap Plate 6LC SCF SM with Adapter for ODF 1U 3 Mini-Snap Plate Type
SNPMINI-6DX-LCF-MM-SET	Mini-Snap Plate 6LC SCF MM with Adapter for ODF 1U 3 Mini-Snap Plate Type

Mini-Snap Plate :



SNPMINI-6FC-SM-SET



SNPMINI-12FC-SM-SET

Ordering Information :

P/N	Descriptions
<b>SINGLE SNAP PLATE FOR ODF RACK MOUNT 1U-7U SLIDE WITH DRAWER</b>	
SNP-24LC-SX-SM-R1U-SET	Snap Plate 24LC SX SM with Adapter for R1U
SNP-24FC-SM-R1U-SET	Snap Plate 24FC SM with Adapter for R1U
SNP-24SC-SM-R1U-SET	Snap Plate 24SC SM with Adapter for R1U
SNP-48LC-SX-SM-R2U-SET	Snap Plate 48LC SX SM with Adapter for R2U
SNP-48FC-SM-R2U-SET	Snap Plate 48FC SM with Adapter for R2U
SNP-48SC-SM-R2U-SET	Snap Plate 48SC SM with Adapter for R2U
SNP-60LC-SX-SM-R3U-SET	Snap Plate 60LC SX SM with Adapter for R3U
SNP-60FC-SM-R3U-SET	Snap Plate 60FC SM with Adapter for R3U
SNP-60SC-SM-R3U-SET	Snap Plate 60SC SM with Adapter for R3U
SNP-96LC-SX-SM-R4U-SET	Snap Plate 96LC SX SM with Adapter for R4U
SNP-96FC-SM-R4U-SET	Snap Plate 96FC SM with Adapter for R4U
SNP-96SC-SM-R4U-SET	Snap Plate 96SC SM with Adapter for R4U
SNP-120LC-SX-SM-R4U-SET	Snap Plate 120LC SX SM with Adapter for R4U
SNP-120FC-SM-R4U-SET	Snap Plate 120FC SM with Adapter for R4U
SNP-120SC-SM-R4U-SET	Snap Plate 120SC SM with Adapter for R4U

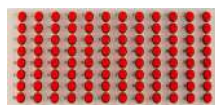
Single Snap Plate :



SNP-60LC-SX-SM-R3U-SET



SNP-60SCA-SM-R3U-SET



SNP-96FC-SM-R4U-SET

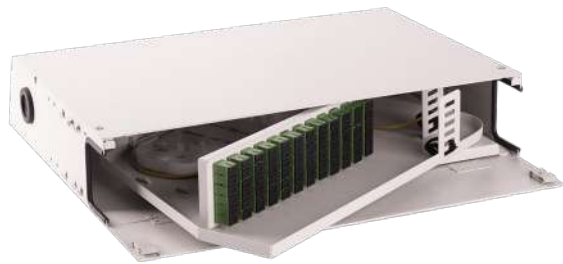


SNP-96LC-SX-SM-R4U-SET



SNP-120LC-SX-SM-R4U-SET

# ODF RACK MOUNT 60-288 FIBERS 2U-4U SWING FLAT TYPE



#### Applications :

- Interface and distribute the fiber optical communication system

#### Features :

- Steel cabinet swing rack mount with front cover
- Cabinet made from electro galvanized 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
- Support FC/SC/ST/LC/ E2000 and MPO adapter type with single snap plate
- Splicing and distribution 12 fiber or 24 fiber per tray
- Able to swing 90 degree for termination, splicing, inspection and maintenance
- Clip-lock front cover, nice shape, easy installment and maintenance
- Easily fixed by cage nut on 19"/21" standard rack, convenient for operation and inspection
- Light gray cabinet
- Aluminum rack mount as optional
- Accept custom design and special order

#### Standard :

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

#### Accessories :

- Cage nut, cable tie and cable gland
- Adapter, pigtail, splice tray and fusion sleeve as optional

#### Adapter Capacity :

- 2U, 3U**
  - FC/ST adapter type support 60 fibers
  - SC/E2000 adapter type support 72 fibers
  - LC (SCF) adapter type support 144 fibers
  - MPO adapter type support 40 ports
- 4U**
  - FC/ST adapter type support 120 fibers
  - SC/E2000 adapter type support 144 fibers
  - LC (SCF) adapter type support 288 fibers
  - MPO adapter type support 80 ports

#### Dimensions :

- 2U : 440 W x 290 D x 88 H mm
- 3U : 440 W x 290 D x 130 H mm
- 4U : 440 W x 290 D x 170 H mm

#### Adapter Capacity :

P/N	Dimensions (mm)			Maximum Fiber Cores	Adapter Type	ODF Type
	W	D	H			
ALFA60-RS-2U	440	290	88	60F	FC/ST	Compact Size W/O Screen Port No.
				72F	SC	
				144F	LC (SCF)	
ALFA60-RS-3U	440	290	130	60F	FC/ST	Convenience Size With Screen Port No.
				72F	SC	
				144F	LC (SCF)	
ALFA120-RS-4U	440	290	170	120F	FC/ST	Compact Size W/O Screen Port No.
				144F	SC	
				288F	LC (SCF)	

#### Ordering Information :

P/N	Descriptions
ALFA60-RS-2U	ODF Rack Mount 60F (60-144F) 2U Swing, Front Cover Flat Type, Size 440x290x88 mm
ALFA60-RS-3U	ODF Rack Mount 60F (60-144F) 3U Swing, Front Cover Flat Type, Size 440x290x130 mm
ALFA120-RS-4U	ODF Rack Mount 60F (120-288F) 4U Swing, Front Cover Flat Type, Size 440x290x170 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
<b>Material :</b>						
Body	Zinc-Alloy	Zinc-Alloy	PBT	PBT	Polyetherimide	Polyetherimide
Sleeve	Ceramic (ZrO <sub>2</sub> )	Phosphor Bronze (PB)	Ceramic (ZrO <sub>2</sub> )	Ceramic (ZrO <sub>2</sub> )	N/A	N/A

**Ordering Information :**

P/N	Descriptions
AD11SS-D14C	Adapter FC D-Hole 14 Ceramic
AD11ASS-D	Adapter FCA D-Hole Ceramic
AD12SS-C	Adapter SC SM Simplex
AD12ASS-C	Adapter SCA SM Simplex
AD12SS-C-NF	Adapter SC SM Simplex w/o Flange
AD12ASS-C-NF	Adapter SCA SM Simplex w/o Flange
AD12MS	Adapter SC MM Simplex
AD13SS-C	Adapter ST SM Ceramic
AD14SD-F	Adapter LC SM Duplex SCF
AD14SD-NF	Adapter LC SM Duplex SCF w/o Flange
AD14ASD-F	Adapter LCA SM Duplex SCF
AD14MD-F	Adapter LC MM Duplex SCF
AD14MD-NF	Adapter LC MM Duplex SCF w/o Flange
AD14MD-F-AQ	Adapter LC MM Duplex SCF Aqua
AD20SS-KUD	Adapter MPO Key Up/Key Down
AD20SS-KUU	Adapter MPO 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)
- FTTH

**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 μm	50/125 μm
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 °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)



Cage Nut Set