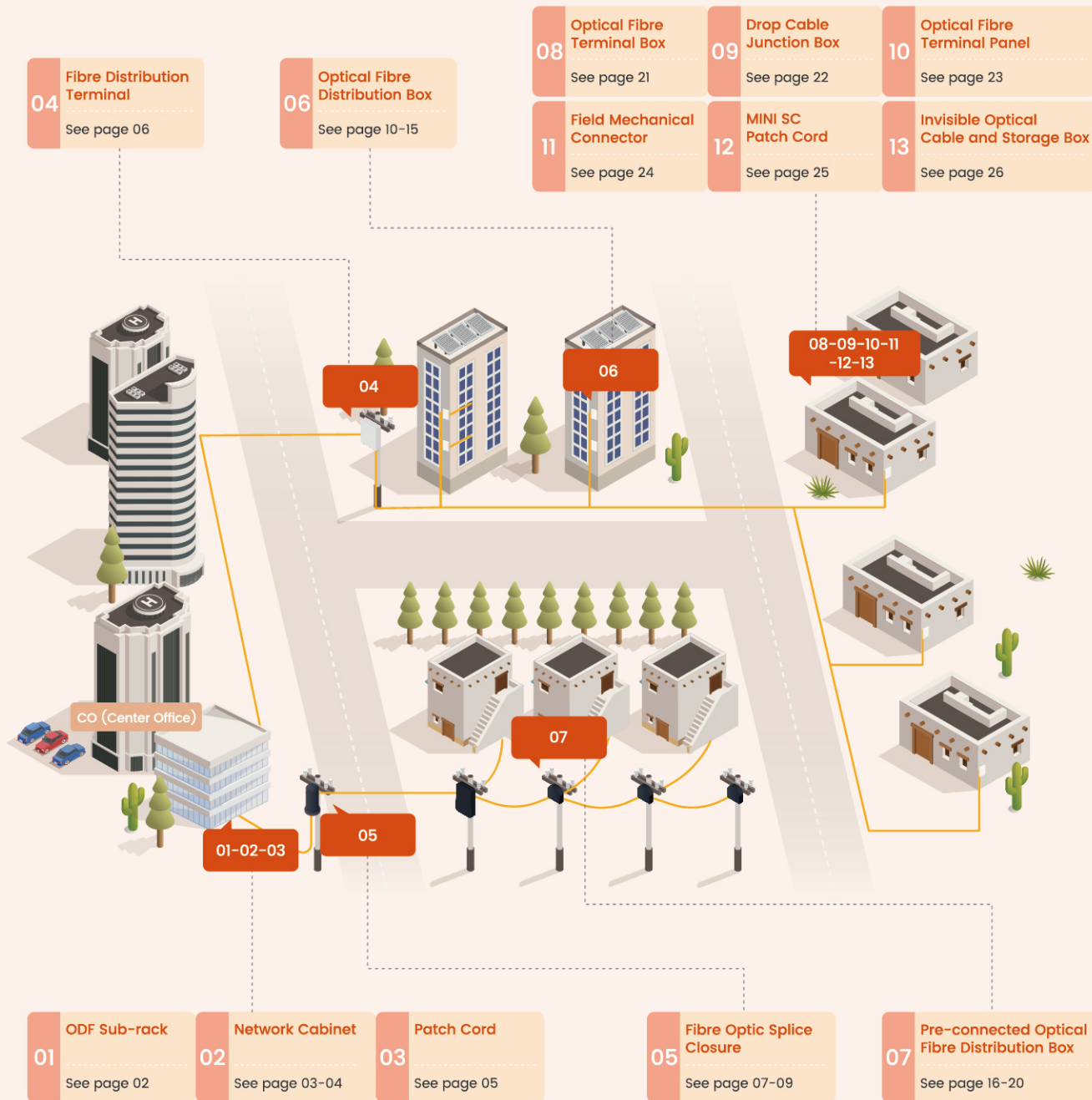


Optic Link Digital World

YOFC ODN provides customers with optimal connection and protection solutions.



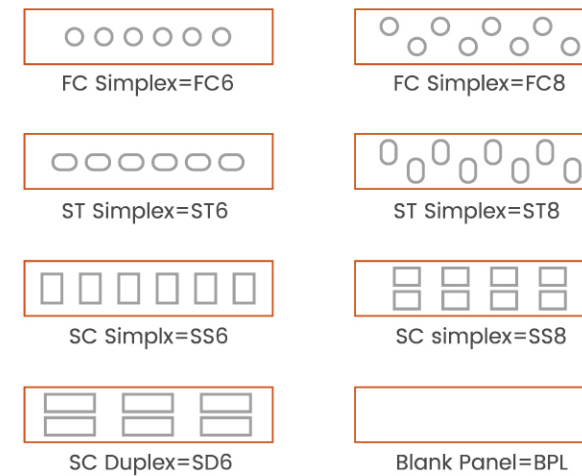
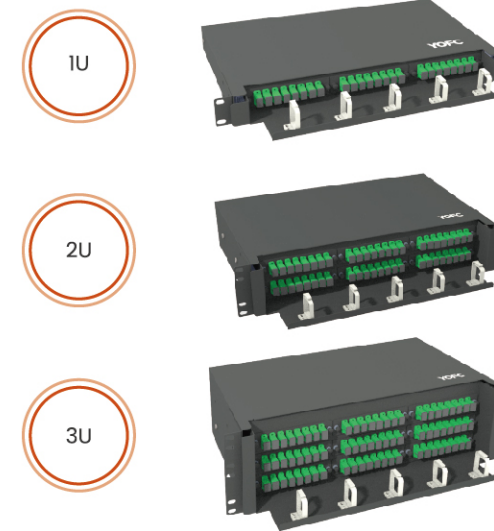
As the world's leading provider of optical fibre preforms, optical fibres, optical fibre cables and integrated solutions, YOFC has always adhered to independent innovation and led the optical communication industry forward. So far, YOFC can provide ODN product solutions to different scenarios and become a comprehensive solution provider of ODN products and engineering services.



ODF Sub-rack

Highlights

- 1 High density, 1U-capacity up to 48 FO and 2U-capacity up to 96 FO (Duplex LC adapter).
- 2 Silent guide rail, the maximum travel distance is 250mm.
- 3 1 to 3 pieces of adapter panels per U. Standard rack, various adapter panels (LC/SC) available, flexible installation and expansion.
- 4 Standard 19 inch installation, high quality sheet-metal with surface treatment.
- 5 Comply with IEC 297-2 standard.



Adapter panels

Dimensions H×W×D (mm)	Capacity (fibres)	Note
1U×482×320	12	2×6 fibres SC panel +1×blank panel
	12	2×6 fibres FC panel +1×blank panel
	12	2×6 fibres E2000 panel +1×blank panel
	24	2×12 fibres DLC panel +1×blank panel
	16	2×8 fibres FC panel +1×blank panel
	24	3×8 fibres SC panel
	24	3×8 fibres FC panel
	24	3×8 fibres E2000 panel
	36	3×12 fibres DSC panel
	48	3×16 fibres DLC panel
2U×482×320	48	6×8 fibres SC panel
	48	6×8 fibres FC panel
	48	6×8 fibres E2000 panel
	72	6×12 fibres DSC panel
3U×482×320	96	6×16 fibres DLC panel
	72	9×8 fibres SC panel
	72	9×8 fibres FC panel
	108	9×12 fibres DSC panel
4U×482×320	144	9×16 fibres DLC panel
	96	12×8 fibres SC panel
	96	12×8 fibres FC panel
	144	12×12 fibres DSC panel
	192	12×16 fibres DLC panel

Network Cabinet



Highlights

- 1 Integrated welded structure, stable and rigid.
- 2 Fast-opening side doors, easy operations and maintenance.
- 3 Knock-out holes in top, bottom and back, convenient for cable entry/exit.
- 4 Standard 19" rack, suitable for wall and floor mounting.
- 5 Modular design, components of the same series are interchangeable.
- 6 The front door can be opened on the left or right side by adjusting the installation direction.
- 7 Comply with ANSI/EIA RS-310-D, IEC297-2.

Type	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)
YODF-1212-TT1	12	600	450	635
YODF-1212-TT2			600	
YODF-1218-TT1	18	600	450	902
YODF-1218-TT2			600	
YODF-1222-TT1	22	600	450	1079
YODF-1222-TT2			600	
YODF-1227-TT1	27	600	450	1302
YODF-1227-TT2			600	



Highlights

- 1 Elegant appearance, excellent craftsmanship, well-thought-out dimensions.
- 2 Mesh holes in the front/rear door, ventilation rate up to 75%.
- 3 Aluminized zinc mounting rail and mounting beam, automatically equipotential upon installation.
- 4 Trapezoid mounting beam with better load-bearing performance.
- 5 Power cable and signal cable with separate routes.
- 6 Both front and rear doors can be replaced with folio doors.
- 7 Detachable packages, 50%-60% packing volume reduction.
- 8 Equipped with two fan modules as standard, for easy maintenance.
- 9 Comply with ANSI/EIA RS-310-D, IEC297-2.

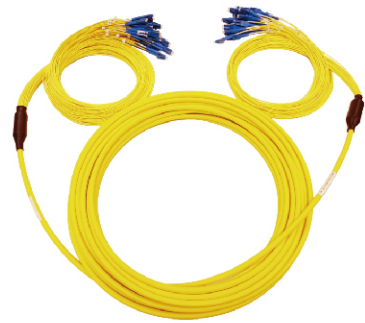


Type	Capacity (U)	Width (mm)	Depth (mm)	Installation Depth (mm)	Height (mm)		
YODF-1242-TTX	42	600	600	361	2055		
			800	561			
			900	661			
			1000	736			
			1100	736			
			1200	736			
	YODF-1247-TTX	47	600	600		308	2277
				800		508	
				900		608	
				1000		708	
				1100		733	
				1200		733	
YODF-1247-TTX		47	800	600	308	2277	
				800	508		
				900	608		
				1000	708		
				1100	733		
				1200	733		

Patch Cord

Highlights

- 1 Provide patch cord fulfilling various wiring scenarios and different capacity, with complete connector types such as SC/LC/FC/E2000.
- 2 Comply with IEC-61300, IEC-61754, GR326 standards.



Bundle patch cord



Common patch cord



Item	Specifications	
Optical Cable	Fibre	Single mode fibre, G.652D
	Fibre Count (fibres)	12-96
	Cable Attenuation	<ul style="list-style-type: none"> · ≤ 0.4 dB / km @1310 nm · ≤ 0.3 dB / km @1550 nm
Connector	Insertion Loss	≤ 0.3dB According to IEC 61300-3-4 Method B
	Return Loss	<ul style="list-style-type: none"> · SC/UPC Min. 50dB @ 1310&1550nm · SC/APC Min. 55dB @ 1310&1550nm According to IEC 61300-3-6

Cable Performance

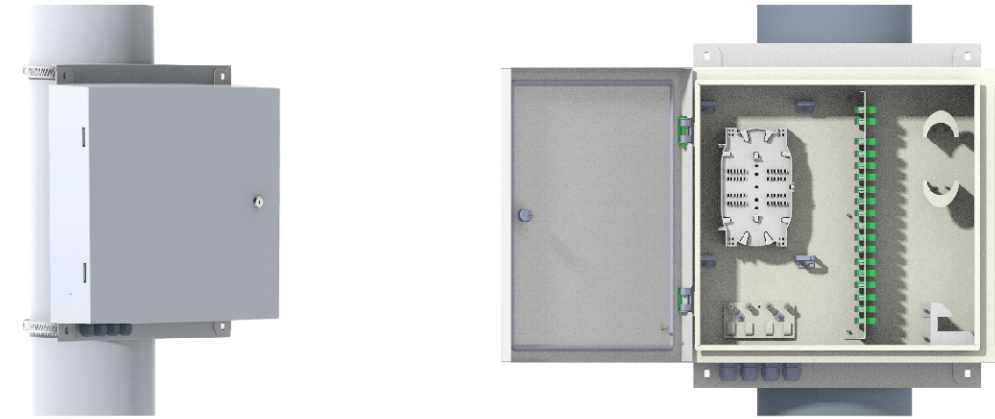
Fibre Type	Core/Cladding Dia. (µm)	Bandwidth (MHz·km)	Wavelength (nm)	Max. Attenuation (dB/km)
SM G.652D	9/125	NA	1310/1550	0.34/0.20
SM G.657A	9/125	NA	1310/1550	0.35/0.21
BI*OM2	50/125	≥500	850/1300	2.3/0.6
BI*OM3	50/125	≥2000	850/1300	2.4/0.6
BI*OM4	50/125	≥4700	850/1300	2.4/0.6
BI*OM5	50/125	≥4700	850/1300	2.4/0.6

BI: Bend Insensitive

Connector Performance

Connector Type	IL (dB)	500 times Durability ΔIL (dB)	Temperature Cycling ΔIL (dB)
LC/SC/FC/ST/E2000 SM	≤0.30	≤0.20	≤0.20
LC/SC/FC/ST MM	≤0.30	≤0.20	≤0.20

Fibre Distribution Terminal



YFAT-4548B2

Highlights

- 1 Made of high quality sheet-metal material, electrostatic powder coating on the surface.
- 2 Good mechanical strength, elegant appearance, sturdiness and durability.
- 3 Splice trays can be disassembled and installed independently, easy for maintenance.
- 4 Suitable for a variety of adapters, such as SC, FC, LC, etc.
- 5 The door opening angle is greater than 120°, easy for operation and maintenance.
- 6 Suitable for indoor and outdoor, wall-mounted, pole-mounted.



Item	YFAT-4548B2	YFAT-4572B
Dimensions (W x H x D) (mm)	450 x 420 x 110	450 x 420 x 130
Material	Cold rolled steel sheet, ABS	
Color	Light Gray	
Termination Capacity (fibres)	48	72
Diameter of Optical Cable (mm)	Φ6-Φ11	
Splitter	Type	ABS Module PLC Splitter (1:8)
	Dimensions (L x W x H) (mm)	100 x 80 x 10
	Splitter Capacity (pcs)	6
Connector Type	SC/APC, SC/UPC	
Protection Rating	IP55	
Installation Scenario	Wall-mounted and pole-mounted	

Fibre Optic Splice Closure

Highlights

- 1 Support for carrying customer information through RFID, compact design and light weight.
- 2 Fibres can be reversed at the top and bottom.
- 3 The splice trays can be made in different colors to distinguish different usages.
- 4 Each splice tray can be disassembled independently without affecting other trays.
- 5 The cable ports support both mechanical and heat-shrink sealing.
- 6 Serialized product can meet the needs of multi capacity.
- 7 Comply with ITU-T L13 standard.



Item	Specifications	
	YSSC-3328Z2	YSSC-3328Z
Dimensions (Diameter × Height) (mm)	Φ242 × 428	Φ242 × 536
Splicing Capacity (fibres)	288	576
Cable Port (pcs)	<ul style="list-style-type: none"> Pass-through cable port: 2 Branch cable port: 8 	<ul style="list-style-type: none"> Pass-through cable port: 2 Branch cable port: 8
Diameter of Optical Cable (mm)	<ul style="list-style-type: none"> Pass-through cable: Φ5-Φ20 Branch cable: Φ2-Φ16 	
Sealing Method	Mechanical seal & Heat-shrink seal	
Installation Scenario	Aerial, wall and pole-mounted	
Protection Rating	IP68	

Item	Splice tray A	Splice tray C	Splice tray D
Picture			
Dimensions (H×W×D) (mm)	134×100×7.5	134×100×7.5	134×100×5.5
Net Weight (g)	20	20	15
Color	RAL 7035		
Material	PC+ABS		
Splicing Capacity (fibres)	12 (2 layers of SMOUV)	2 (2 layers of SMOUV)	12 (1 layer of SMOUV)
SMOUV	L=45mm, OD 2.5mm after shrinkage.		
Splitter Capacity (pcs)	-	2 (PLC 1X2, 1X4, 1X8, 0.9mm fibre, 60x7x4mm)	-

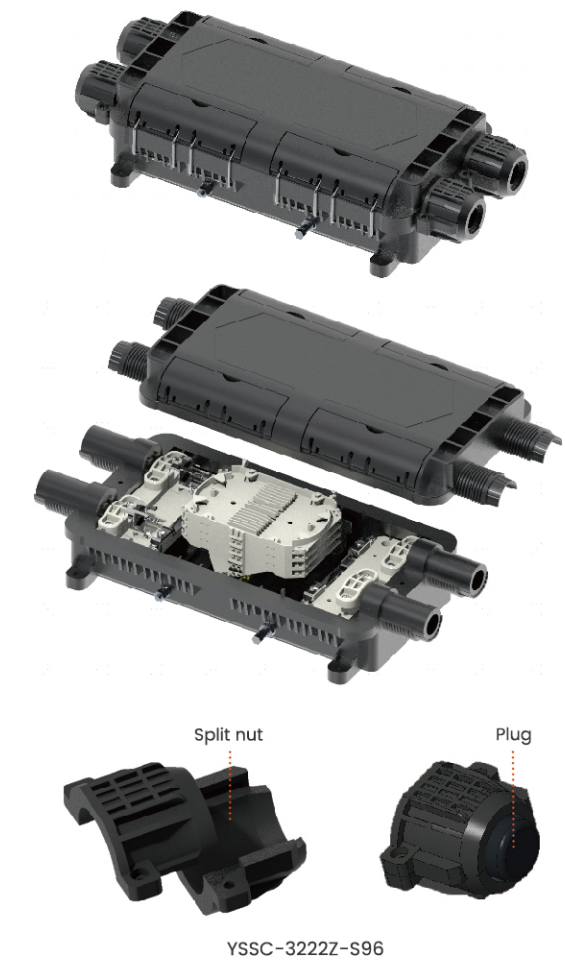


Item	Specifications
Closure Type	Dome
Material of Shell	High-strength PP
Dimensions (mm)	509×Φ290
Color	Black
Pass-through Cable Port (pcs)	1 (Φ5.9mm-Φ24mm)
Branch Cable Port (pcs)	6 (2 big ports + 4 small ports) <ul style="list-style-type: none"> Big port: Φ5.9mm-Φ26.5mm Small port: Φ5.9mm-Φ20mm
Splicing Capacity (fibres)	240 (Splice tray 10 pcs)
Splice Tray Capacity (pcs)	Splice tray: 10 Splitter tray & Splice tray: 10
Splitter	Micro splitter (1x4, 1x8)
Sealing Type	Mechanical
Protection Rating	IP68
Impact Rating	IK10

Highlights

- 1 Dome mechanical sealing with advanced internal structure design.
- 2 High-strength PP plastic with longer service life and excellent sealing performance.
- 3 The rubber holder in the splice trays make the easy installation of the splitter and the SMOUV.
- 4 The multi-dimensional cable ports support a variety of optical cables with diameters up to 26.5mm.
- 5 Each splice tray can be disassembled independently without affecting other trays.
- 6 Comply with ITU-T L13 standard.

Item	Splice tray	Splitter tray & Splice tray
Picture		
Dimensions (H×W×D) (mm)	232×110×10	
Net Weight (g)	58	
Color	RAL 9003	
Material	ABS	
Splicing Capacity (fibres)	24	12
SMOUV	L=60mm, OD 2.7mm after shrinkage.	
Splitter Capacity (pcs)	-	2 (PLC 1X2, 1X4, 1X8)



Highlights

- 1 The closure is locked with the buckles, easy for operation.
- 2 The cable ports adopt split nuts, easy for pass-through cable installation.
- 3 Each splice tray can be disassembled independently without affecting other trays.
- 4 Comply with ITU-T L13 standard.

Item	Specifications
Closure Type	Horizontal Type
Material of Shell	High-strength PP+GF
Dimensions (mm)	422×180×100
Color	Black
Cable Port (pcs)	4 (Φ5.9mm~Φ22mm)
Splicing Capacity (fibres)	96
Splice Tray Capacity (pcs)	4 (24 fibres each tray)
Splitter	Micro splitter (1x4, 1x8)
Sealing Type	Mechanical
Protection Rating	IP68
Impact Rating	IK10



Optical Fibre Distribution Box

Highlights

- 1 Elegant appearance, environmental friendly and anti-aging.
- 2 The unique anti-theft design ensures that the box will not open abnormally.
- 3 Partition management of termination and splicing, clear route for optical cable and pigtail, convenient for operation and maintenance.
- 4 The capacity expansion and splitting scenarios are fulfilled by changing the splice tray.
- 5 Wall-mounted and pole-mounted, suitable for both indoor and outdoor scenario.
- 6 Serialized product can meet the needs of multi capacity.



Item	Specifications	
	YFAT-4224F2	YFAT-4248F
Dimensions (mm)	340×250×110	420×320×130
Termination Capacity (fibres)	24 (SC), 48 (DLC)	48 (SC), 96 (DLC)
Cable Port (pcs)	<ul style="list-style-type: none"> • Pass through cable port: 1 • Branch cable port: 3 	<ul style="list-style-type: none"> • Pass through cable port: 1 • Branch cable port: 4
Diameter of Optical Cable (mm)	<ul style="list-style-type: none"> • Pass through cable: Φ8-Φ19 • Branch cable: Φ8-Φ19 	
Material	<ul style="list-style-type: none"> • Shell: High-strength PC+ABS • Internal components: ABS • Metal accessory: High-quality stainless steel 	
Color	Gray	
Protection Rating	IP65	
Insertion Loss (dB)	≤0.3	
Return Loss (dB)	APC≥60, UPC≥50	





YFAT-4408F

Highlights

- 1 Elegant appearance, small size, suitable for installation in corridors and weak current wells.
- 2 Cable ports are in the top and bottom of the box, suitable for pass-through installation of riser cable.
- 3 Inner protective cover separates the splice area from the termination area to improve the safety of operation.
- 4 Each adapter can be flipped up to 15°, easy for insertion and removal of the connector.

Item	Specifications
Dimensions (L×W×H) (mm)	235×126×52
Material	PC+ABS
Color	Gray
Riser Cable Port (pcs)	2 (Φ6mm~Φ10mm) (1 on top, access in 1 riser cable 1 on bottom, access in 2 riser cables)
Drop Cable Port (pcs)	8 (Φ3mm)
Splicing Capacity (fibres)	16 (Splice tray A, 2 pcs)
	36 (Splice tray B, 2 pcs)
Splice Tray Capacity	Splice tray A: 2 pcs Splice tray B: 2 pcs
Splitter	Micro type PLC splitter 1x8
Impact Rating	IK09
Protection Rating	IP30
Flammability	UL94-V0
Length of FMC	≤56 mm



Item	Splice tray A	Splice tray B
Picture		
Dimensions (H×W×D) (mm)	114×100×14	124 X 101 X 14
Color	PANTONE 428C	
Material	PC+ABS	PC+ABS/ABS
Splicing Capacity (fibres)	8 (1 layer of SMOUV)	18 (2 layers of SMOUV)
SMOUV	L=45mm, OD 2.5mm after shrinkage	
Splitter Capacity (pcs)	1 (PLC 1X2, 1X4, 1X8, 0.9mm fibre, 60x7x4mm)	



YFAT-4408F3

Highlights

- 1 Compact structure and elegant appearance, suitable for installation in corridors and weak current wells.
- 2 Cable ports are in the top and bottom of the box, suitable for pass-through installation of riser cable.
- 3 Separation of splice area and termination area to improve the safety of operation.
- 4 The fibre route is reasonable, not interfere with each other.
- 5 Each adapter can be flipped up to 15°, easy for insertion and removal of the connector.

Item	Specifications
Dimensions (mm)	151.8×105.7×59
Color	PANTONE 428C
Pass-through Cable Port (pcs)	2 (Φ11mm)
Drop Cable Port (pcs)	8 (2mm×3mm, Φ5mm)
Adapter Type	SC
Splicing Capacity (fibres)	12
Splitter	Micro type PLC splitter 1x8
Protection Rating	IP54



YFAT-4216F3

Highlights

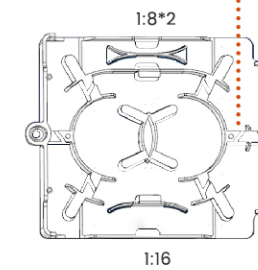
- 1 Compact structure and elegant appearance.
- 2 The cable ports adopt quick-insert component, with fast and convenient cable installation.
- 3 Each splice tray can be disassembled independently without affecting other trays.
- 4 Different type of splice trays available.



Item	Specifications
Dimensions (L×W×H) (mm)	319×200×97.5
Material	PC+ABS
Color	Black
Pass-through Cable Port (pcs)	1 (Φ8mm~Φ14mm)
Branch Cable Port (pcs)	2 (Φ8mm~Φ14mm)
Drop Cable Port (Max) (pcs)	16 (Φ3 round cable 2×3 bow type cable)
Splicing Capacity (fibres)	72
Splitter	Micro type PLC splitter 1x8
Impact Rating	IK09
Protection Rating	IP65

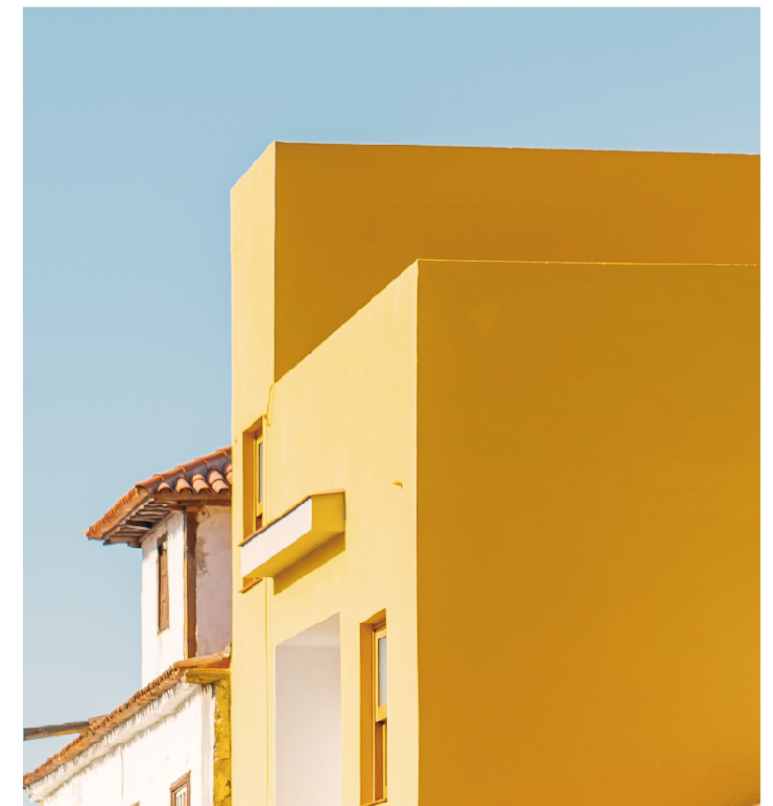
Highlights

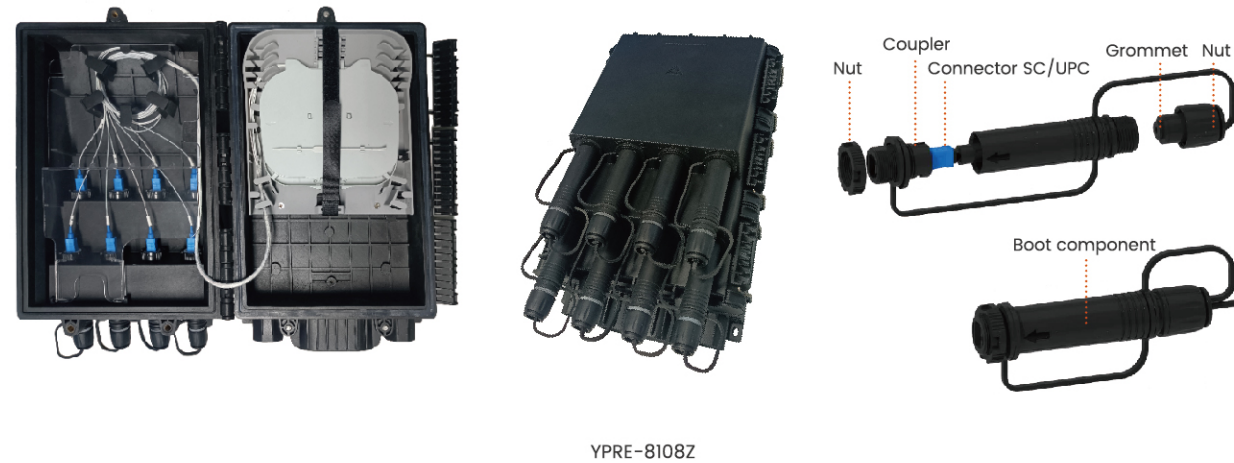
- 1 Elegant appearance, special design for aerial installation.
- 2 Separation of splitter area, splice area and termination area to improve the safety of operation.
- 3 The splitter area supports installation of both micro splitter 1x8 and 1x16.
- 4 Support 3mm or 5mm round cable by replacing the fixed components of the drop cable.



YFAT-4716F

Item	Specifications
Dimensions (L×W×H) (mm)	360×181×95
Material	PP
Color	Black
Distribution Cable Port (pcs)	4 (Φ7mm~Φ14mm)
Drop Cable Port (Max) (pcs)	16 (Φ3mm, Φ5mm)
Splicing Capacity (fibres)	48
Splitter	Micro splitter 1x8 (2pcs) Or Micro splitter 1x16 (1pc)
Impact Rating	IK09
Protection Rating	IP65





YPRE-8108Z

Highlights

- 1 The cable ports adopt quick-insert component, with fast and convenient cable installation.
- 2 Special boot component design, easy for operation and maintenance.
- 3 Protection rating up to IP68.
- 4 Standard SC adapter in the box, regular SC patch cord supportive.
- 5 Installation scenario: aerial-mounted, pole-mounted, wall-mounted, pedestal-mounted, manhole/hand-hole-mounted.

Item	Specifications
Dimensions (L×W×H) (mm)	380×207×145
Material	PP+GF
Color	Black
Pass-through Cable Port (pcs)	1 (Φ6mm-Φ14mm)
Branch Cable Port (pcs)	2 (Φ5mm-Φ14mm)
Drop Cable Port (pcs)	8 (Φ3mm, 2mm×3mm)
Connector Type	SC, FMC
Splicing Capacity (fibres)	48
Splice Tray Capacity (pcs)	4 (12 fibres each tray)
Splitter	Micro PLC splitter (1x8) Dimensions: 60x7x4 (mm)
Impact Rating	IK10
Protection Rating	IP68
Length of FMC (mm)	≤ 56



Pre-connected Optical Fibre Distribution Box

Highlights

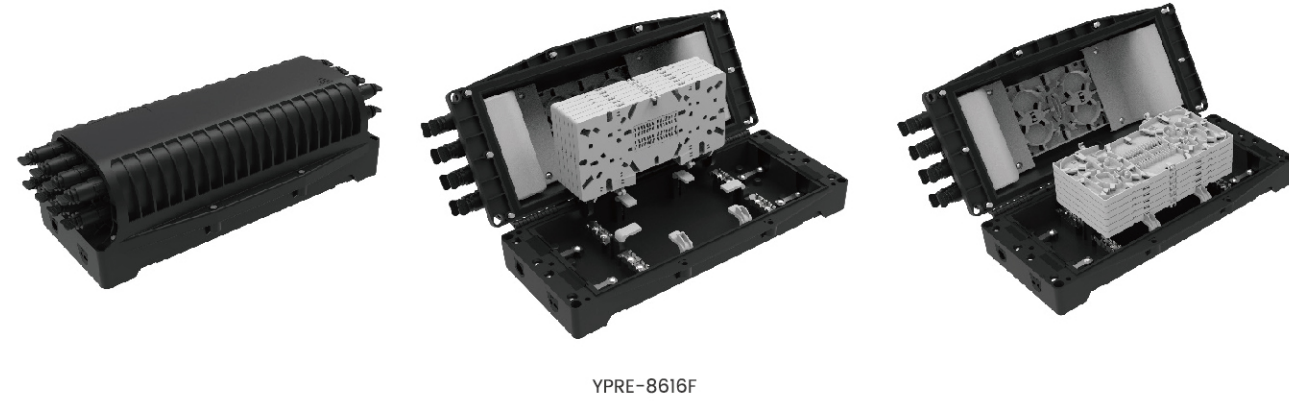
- 1 Advanced structure, easy operating and reasonable routing.
- 2 The top cover supports laser etching of QR codes, which are UV resistant and not easy to fade, easy to manage.
- 3 The top cover is locked by T15 captive security torx screw to improve safety.
- 4 The cable ports adopt quick-insert component, with fast and convenient cable installation.
- 5 Support the fixation of the steel strand of figure-8 optical cable to improve the tensile strength.
- 6 Special boot component design, easy for operation and maintenance.
- 7 Identify the port connection with the output of the splitter by the red O-rings on the dust cap of the adapters.



YPRE-8217F2-T16 (Hardened Couplers)

Item	Specifications
Material of Shell	PC+ABS, UV resistant.
Dimensions (H×W×D) (mm)	320×214×133
Color	Black
Pass-through Cable Port	2 oval ports
Diameter of Pass-through Cable (mm)	Figure 8 with 1/16" steel messenger (10x14)
Hardened Couplers (SC/APC) (pcs)	16
Max Splicing Capacity (fibres)	128
Splice Tray Capacity (pcs)	4 (Splice tray E-3) 8 (Splice tray F)
Micro PLC Splitter Capacity	1x8 splitter (2pcs) Dimensions: 60x7x4 (mm) 1x16 splitter (1pc) Dimensions: 60x12x4 (mm)
Protection Rating	IP55

Item	Splice tray E-3	Splice tray F
Picture		
Dimensions (H×W×D) (mm)	135×125×8	135×125×4
Color	PANTONE 428C	
Material	PC+ABS	
Splitter Capacity (fibres)	16 (2 layers of SMOUV)	16 (1 layer of SMOUV)
Splicing Capacity	1 pc (1X2/1X4/1X8) + 1 pc (1X16)	-

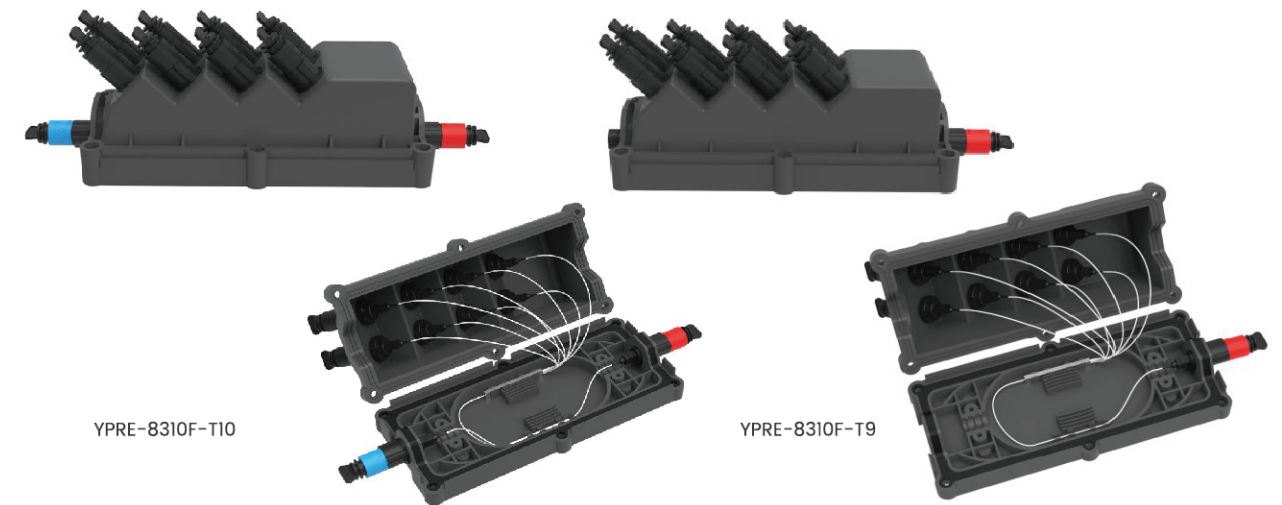


YPRE-8616F

Highlights

- 1 Elegant appearance, special design for aerial installation.
- 2 Splicing capacity is up to 144 fibres.
- 3 Protection rating up to IP68.
- 4 Support pre-connected adapter.

Item	Specifications
Material of Shell	PC+ABS/PP
Dimensions (mm)	433×198.5×133
Color	Black / Gray
Distribution Cable Port (pcs)	4 (Φ8mm-Φ17mm)
Pre-connected Adapters (pcs)	16
Max Splicing Capacity (fibres)	144
Micro PLC Splitter	1x4, 1x8, 1x16
Protection Rating	IP68



YPRE-8310F-T10

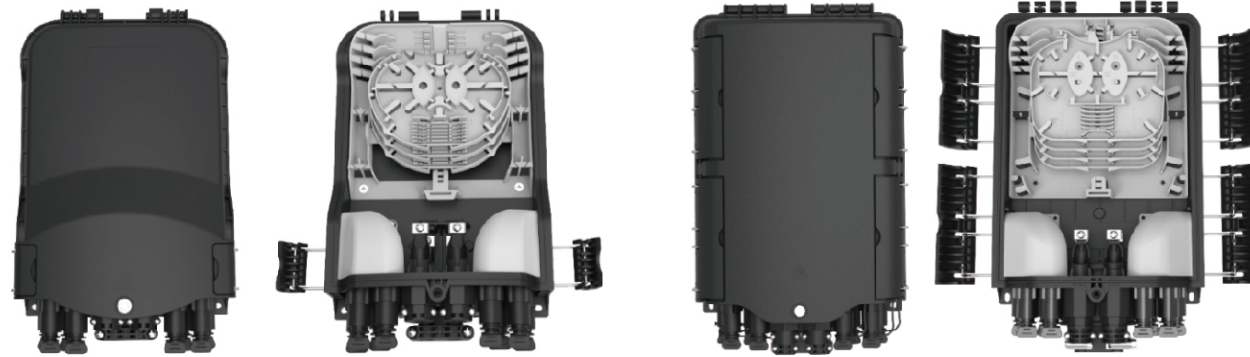
YPRE-8310F-T9

Highlights

- 1 Compact structure and elegant appearance.
- 2 Fully sealed design and industrial quality assurance, the operation and maintenance do not need re-opening the box.
- 3 Plug and play, without splicing operation.
- 4 YOFC pre-connected patent design, pre-connected connector installation by one step, no rotation, easy to operate.
- 5 Special design for aerial installation.
- 6 Pre-connected optical cable installation on the top cover, easy to operate.

Item	Specifications	
	YPRE-8310F-T10	YPRE-8310F-T9
Material of Shell	Modified PP plastic or PC+ABS	
Dimensions (mm)	261×121×82.4	
Color	Black	
Pre-connected Adapters (pcs)	10 pcs (1 red+1 blue+8 black)	9 pcs (1 red+8 black)
Splitter	1x2 FTB splitter + 1x8 PLC splitter	1x8 PLC splitter
Protection Rating	IP68	

Item	Splitter	IL(dB)-Splitter	RL(dB) -Splitter	Test Method	
YPRE-8310F-T10	1×2 FTB(90/10) + 1×8 PLC Splitter, with SCAPC connector	1×2 FTB (90%)	≤0.83	≥55	IL: IEC61300-3-4 Method B RL: IEC61300-3-6 Method 1
		1×2 FTB (10%)+1×8 PLC	≤21.7	≥55	
	1×2 FTB(80/20) + 1×8 PLC Splitter, with SCAPC connector	1×2 FTB (80%)	≤1.4	≥55	
		1×2 FTB (20%)+1×8 PLC	≤18.3	≥55	
	1×2 FTB(70/30) + 1×8 PLC Splitter, with SCAPC connector	1×2 FTB (70%)	≤2.1	≥55	
		1×2 FTB (30%)+1×8 PLC	≤16.5	≥55	
	1×2 FTB(60/40) + 1×8 PLC Splitter, with SCAPC connector	1×2 FTB (60%)	≤2.8	≥55	
		1×2 FTB (40%)+1×8 PLC	≤15.2	≥55	
	1×2 FTB(50/50) + 1×8 PLC Splitter, with SCAPC connector	1×2 FTB (50%)	≤3.8	≥55	
		1×2 FTB (50%)+1×8 PLC	≤14.3	≥55	
YPRE-8310F-T9	1×8 PLC Splitter, with SCAPC connector	1×8 PLC	≤10.5	≥55	



YPRE-8208F

YPRE-8108Z2

Highlights

- 1 Advanced structure, easy operating and reasonable routing.
- 2 Multiple splice trays can be configured according to the application scenarios.
- 3 The cable ports adopt quick-insert component, with fast and convenient cable installation.
- 4 YOFC pre-connected patent design, pre-connected connector installation by one step, no rotation, easy to operate.

Item	Specifications	
	YPRE-8208F	YPRE-8108Z2
Dimensions (mm)	319.3×200×97.5	376×210×97
Pass-through Cable Port (pcs)	1 (Φ8mm~Φ16mm)	1 (Φ8mm~Φ16mm)
Branch Cable Port (pcs)	2 (Φ8mm~Φ14mm)	2 (Φ8mm~Φ14mm)
Pre-connected Cable Port (pcs)	8	8
Max Splicing Capacity (fibres)	96	48
PLC Micro Splitter	1x2	1x2
	1x4	1x4
	1x8	1x8
PLC Bare Fibre Splitter	1x2	1x2
	1x4	1x4
	1x8	1x8
Protection Rating	IP65	IP68

Highlights

- 1 Compact structure and elegant appearance.
- 2 Fully sealed design and industrial quality assurance, the operation and maintenance do not need re-opening the box.
- 3 Plug and play, without splicing operation.
- 4 YOFC pre-connected patent design, pre-connected connector installation by one step, no rotation, easy to operate.



YPRE-8311F-T10

YPRE-8311F-T9

Item	Specifications	
	YPRE-8311F-T10	YPRE-8311F-T9
Dimensions (mm)	171×179×66	171×179×66
Pre-connected Adapter (pcs)	10	9
Splitter	1x2 FTB splitter+1x8 PLC splitter 1x9 PLC splitter	1x8 PLC splitter
Protection Rating	IP68	IP68

Highlights

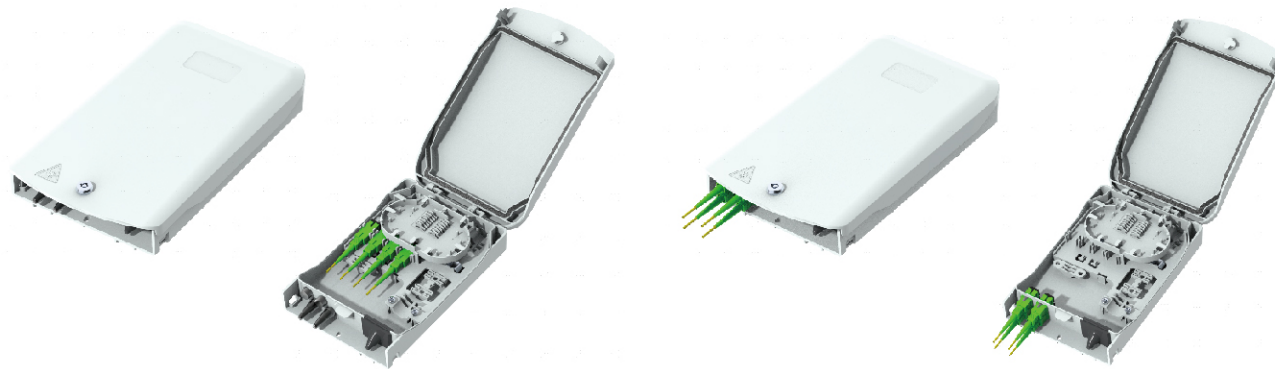
- 1 Optical cable with excellent quality and stable performance.
- 2 5mm round cascade patch cord, the tensile force between the pre-connected connector and the optical cable up to 500N.
- 3 2x5.3 mm bow type drop patch cord, the tensile force between the pre-connected connector and the optical cable up to 300N.



Pre-connected distribution cable Pre-connected drop cable

Item	Specifications	
	Pre-connected Distribution Cable	Pre-connected Drop Cable
Cable	Fibre Type	G.657.A1/A2/B3 single mode
	Cable Attenuation	<ul style="list-style-type: none"> ≤ 0.4 dB / km @1310 nm ≤ 0.3 dB / km @1550 nm
	Outer Diameter	5.0±0.2mm
Connector	Connector Type	<ul style="list-style-type: none"> RSC (Reinforced SC) RMPO (Reinforced MPO)
	Insertion Loss (dB)	<ul style="list-style-type: none"> RSC: Max. 0.3 dB RMPO: Max. 0.35 dB (Premium Grade) Max. 0.7 dB (Standard Grade)
	Return Loss (dB)	Min. 60 dB @ 1310&1550nm
Length (m)	50, 100, 150, 200, 250, 300 (support customization)	

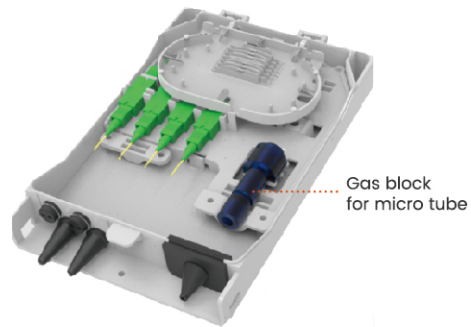
Optical Fibre Terminal Box



YOTB-5104Z

Highlights

- 1 Compact structure and elegant appearance.
- 2 Support air blowing scenarios and vertical wiring scenarios.
- 3 The adapter can be installed at the surface or inside of the box.
- 4 Multiple types of splice tray optional, support the installation of crimp protector, SMOUV and splitter.
- 5 Pigtails storage boxes optional.



Item	Specifications
Dimensions (mm)	243×154×44
Splicing Capacity (fibres)	12
Termination Capacity (fibres)	SC: 4, DLC: 8
Splitter Capacity	2 (PLC 1:4)
Cable Entry Port	2 pcs : 1 pc in the bottom (Φ3mm-Φ14mm) 1 pc in the top (Φ3mm-Φ10mm)
Cable Exit Port	4 pcs (Φ1mm-Φ10mm) or 8 pcs (Φ1mm-Φ3mm)
Protection Rating	IP55



Drop Cable Junction Box



YOTB-5101L

Highlights

- 1 Protection rating up to IP68, support manhole and handhole installation.
- 2 Sliding latch for easy opening of box cover.
- 3 Support SC/DLC adapters.
- 4 Support common connectors and FMC.

Item	Specifications
Dimensions (mm)	204×54×26
Material	PP+GF
Color	Black
Drop Cable Exit Port (pcs)	2 (Φ3mm)
Quantity of SC Adapter (pcs)	1
Length of FMC (mm)	≤56
Impact Rating	IK09
Protection Rating	IP68

❖ Optical Fibre Terminal Panel



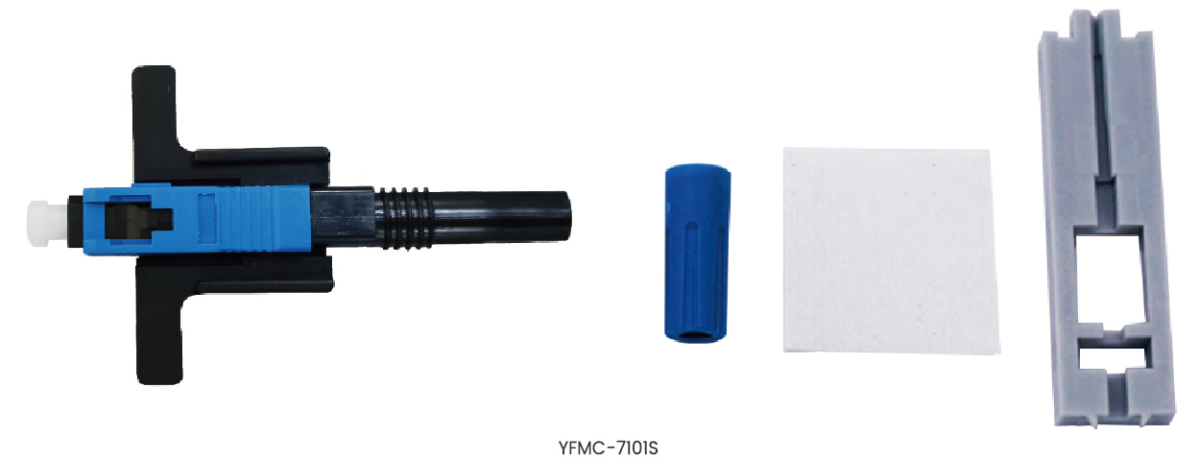
Highlights

- ❶ Optical cables can enter the box from the upper, bottom and back of the panel.
- ❷ The entry/exit cable are protected by sealing rings.
- ❸ Compatible with SC and DLC adapters.
- ❹ Easy for operation and maintenance.



Item	Specifications
Dimensions (mm)	125×100×28
Material	ABS
Color	RAL 9010
Cable port (pcs)	Cable entry port: 2 Knock-off Hole: 2
Installation Slots of Adapter (pcs)	2
Fibre type	G.657A1, A2, B3
Diameter of Optical Cable (mm)	Φ3mm, Φ5mm round drop cable
Adapter Type	SC/UPC, DLC/UPC
Splicing Capacity (fibres)	4
Protection Rating	IP43
Flammability	UL94-V0
Insertion Loss (dB)	Maximum≤0.3
Return Loss (dB)	APC≥60, UPC≥50

❖ Field Mechanical Connector



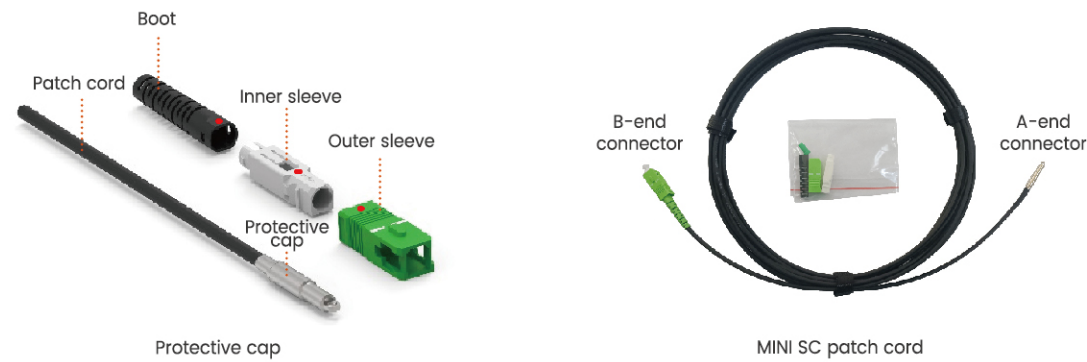
Highlights

- ❶ Quick and easy fibre termination, no special tools required.
- ❷ Precision mechanical alignment insures low insertion loss.
- ❸ Pre-installed, on-site assembly without end face grinding and consideration.
- ❹ Ceramic C-groove construction ensures excellent temperature performance.
- ❺ Easy assembly, the connection can be verified easily after assembly.
- ❻ Comply with GR326 standard, superior optical performance.



Item	Specifications
Dimensions (mm)	58 x 9.2 x 9.2
Cable Type	Bow type drop cable: 2.0mm x 3.0mm, 2.0mm x 5.3mm Round-drop cable: Φ3mm
Fibre Type	G.657A1, G.657A2, G.657B3
Fibre Diameter (μm)	125 (G.657A1, G.657A2, G.657B3)
Coating Diameter (μm)	250
Mode	SM
Insertion Loss (dB)	Typ.≤0.3, Max.≤0.5 (@1310nm)
Return Loss (dB)	UPC≥45, APC≥50 (@1310nm)
Operation Time (s)	≤90 (exclude fibre presetting)
Success Rate	> 95%
Reusable Times	≥ 5 times
Tensile Strength (N)	· > 30 (2.0mm x 3.0mm, 2mm x 5.3mm bow-type drop cable) · > 30 (Φ3mm round drop cable)

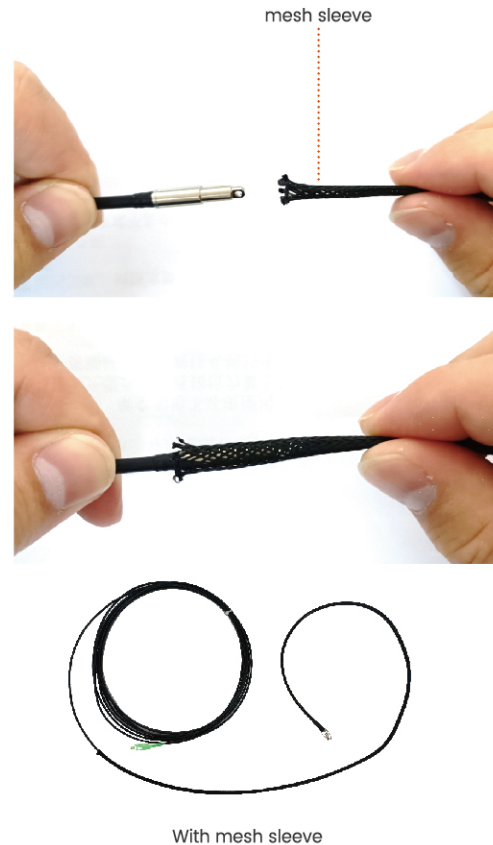
MINI SC Patch Cord



Highlights

- 1 Small size, suitable for passing through walls or pipes.
- 2 Tensile strength, the metal protective cap can effectively protect the ceramic ferrule and provide sufficient tensile force when passing through the pipe.
- 3 Easy to install, no tools required for quick assembly into a complete SC connector.
- 4 Each component is marked with red dots for easy alignment and installation.

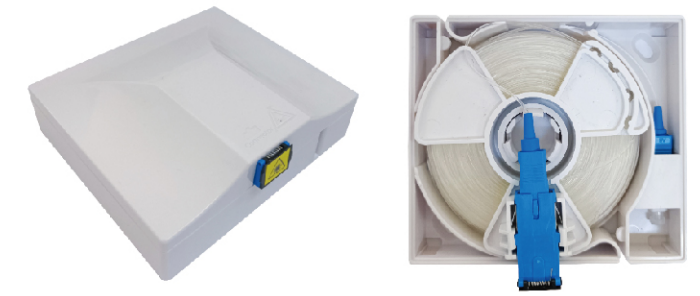
Item	Specifications
Dimensions of MINI SC(mm)	<ul style="list-style-type: none"> Maximum outer diameter: $\Phi 4.8$ Length: 29.5
Fibre Type	G.657A2 , G.657B3
Cable Type	<ul style="list-style-type: none"> Bow type drop cable (3mm x 2mm) Round drop cable ($\Phi 3$mm)
Connector Type	<ul style="list-style-type: none"> A-end connector: MINI SC B-end connector: MINI SC, SC, LC
Length (m)	50, 75, 100, 125, 150 (support customization)
Tensile Strength (N)	<ul style="list-style-type: none"> Without mesh sleeve: ≥ 100 With mesh sleeve: ≥ 300
Minimum Inner Diameter of Threading Pipe (mm)	≥ 5.5
Minimum Bending Radius (mm)	≥ 84
Connector Insertion Loss (dB)	<ul style="list-style-type: none"> UPC ≤ 0.3 APC ≤ 0.3
Connector Return Loss (dB)	<ul style="list-style-type: none"> UPC ≥ 50 APC ≥ 55
Reseating Durability (times)	> 200



Invisible Optical Cable and Storage Box



Invisible optical cable



YATB-6301R
Invisible optical cable storage box

Highlights

- 1 Tiny and transparent optical cable, immersed with the wall without being discovered.
- 2 Quiet and simple installation without damaging the original decoration.
- 3 Supper strong bending resistant optical fibre ensures minimal attenuation with the corner bending.
- 4 Box storage the optical cable, roll package design.

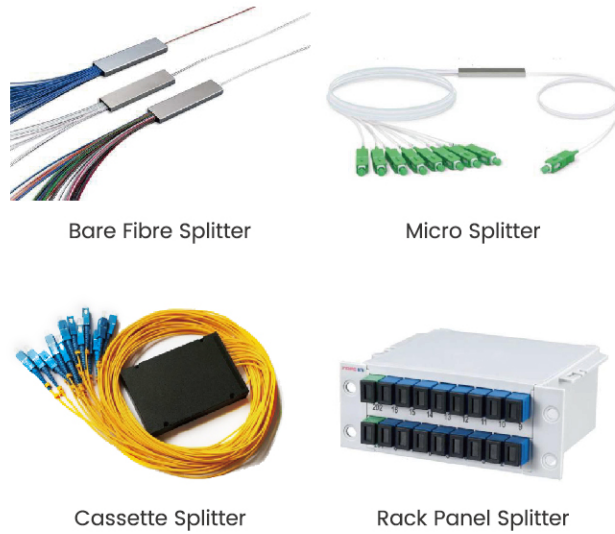


Item	Specifications
Dimension (mm)	93 x 83 x 34
Material of Box	ABS
Adapter	1pc SC/APC
Length of Invisible Optical Cable (m)	40
Bending Radius (mm)	≥ 30
Fibre Type	G.657B3 single mode
Fibre Diameter (μm)	900 ± 50
Insertion Loss (dB)	≤ 0.3
Return Loss (dB)	UPC ≥ 50 / APC ≥ 55
Cable Attenuation	<ul style="list-style-type: none"> ≤ 0.4 dB/km @1310nm ≤ 0.3 dB/km @1550nm
Additional Loss	<ul style="list-style-type: none"> BIL@1550nm≤ 0.15dB/circle BIL@1625nm≤ 0.45dB/circle
Max. Tension Strength	<ul style="list-style-type: none"> Long term: 5N; Additional loss ≤ 0.03dB Short term: 20N; Additional loss ≤ 0.03dB

Splitter

Highlights

- 1 Various encapsulation modes are available: micro type, cassette type, rack panel type, etc. to meet various application scenarios.
- 2 Reliability performance test for YOFC optical splitter to meet GR-1209/1221 standard.
- 3 Passed high and low temperature cycling tests at - 40 °C~+85 °C.



Splitter Dimensions					
Splitter Type	Bare Fibre Splitter	Micro Splitter	Cassette Splitter	Rack Panel Splitter	
Dimensions (mm)	1:2	40x4x4	60x7x4	100x80x10	
	1:4				
	1:8				
	1:16	50x7x4	60x12x4	120x80x18	100x130x50
	1:32		80x20x6		100x130x102
	1:64	60x12x4	100x40x6	140x114x18	100x130x206
	2:2	40x4x4	60x7x4	100x80x10	100x130x25
	2:4				
	2:8				
	2:16	50x7x4	60x12x4	120x80x18	100x130x50
	2:32		80x20x6		100x130x102
	2:64	60x12x4	100x40x6	140x114x18	100x130x206

Item	Specifications												
Split Ratio	1:2	1:4	1:8	1:16	1:32	1:64	2:2	2:4	2:8	2:16	2:32	2:64	
Insertion Loss (dB)	Typical	3.6	7.0	10.3	13.6	16.6	20.1	4.2	7.2	10.6	13.8	17.0	20.5
	Maximum	4.3	7.4	10.7	13.9	17.2	21.5	4.5	7.7	11.0	14.8	17.9	21.5
Insertion Loss Uniformity (Max) (dB)	0.5	0.8	0.8	1.4	1.5	2.0	0.8	1.0	1.2	1.5	1.8	2.5	
Polarization Loss (Max) (dB)	0.2	0.3	0.3	0.3	0.3	0.5	0.2	0.3	0.3	0.3	0.3	0.5	
Return Loss (dB)	APC ≥ 55, UPC ≥ 50												
Directivity (dB)	≥ 55												
Fibre Type	G.652D, G.657A or customized												
Operating Wavelength	1260~1650												
Connector Type	SC, FC, LC												

Accessories—HDPE Micro Duct

Highlights

- 1 The outer diameter of micro duct is from 5mm to 18mm.
- 2 The inner wall is a smooth structure with silicon layer or a longitudinal ribs structure, which can effectively reduce the friction coefficient of the inner wall.
- 3 Can be used to enlarge the capacity of existing pipeline and realize the maximization of pipeline capacity.
- 4 Meet the flame retardant requirements of buildings, metro and other environments.



Spec	Wall Thickness	SDR	Nominal Weight	Min Bend Rad	Max Pull	Drum Length
	mm		Kg/Km	mm	N	m
5/3.5 mm	0.75	6.7	10	60	185	3000
7/3.5 mm	1.75	4	28	84	520	3000
8/6 mm	1.0	8	22	96	385	3000
10/8 mm	1.0	10	28	120	520	3000
12/10 mm	1.0	12	34	144	620	2000
14/10 mm	2.0	7	73	168	1350	2000
16/12 mm	2.0	8	84	192	1600	2000
18/14 mm	2.0	9	98	252	1800	2000



❖ Accessories—HDPE Tube Bundle

Direct Buried (DB) Tube Bundle

The bundle with two layers of outer sheath layer has strong compressive resistance and can be directly buried underground without additional pipeline protection. Can be directly buried, directional drilling and other ways of laying.



Highlights

- 1 Suitable for direct-buried and direct-installation applications.
- 2 Standard specification of 2, 4, 7, 12, 19 and 24-ways bundles.
- 3 The inner wall is a smooth structure with silicon layer or a longitudinal ribs structure, which can effectively reduce the friction coefficient of the inner wall.
- 4 Meet the flame retardant requirements of buildings, metro and other environments.
- 5 Can be laid by excavation, directional drill, overhead and trench.
- 6 Suitable for long-distance trunk lines, WAN, LAN, etc., with flexible scalable upgrade potential.

Series	Ways	Drum Length	Nominal Weight	Dimensions	Max Pull	Min Bend Rad	Crush
		m	Kg/Km	mm	N	mm	N
5/3.5 mm	2	2000	121	16×11	1300	220	2000
	4	2000	199	18.9	2150	380	2000
	7	2000	258	21.8	2780	440	2000
	12	2000	362	27.1	2900	540	2000
	19	1000	480	31.8	5180	640	2000
	24	1000	610	36.8	6580	740	2000
10/8 mm	2	2000	260	26.8×16.8	2800	340	2000
	4	2000	397	30.9	4280	620	2000
	7	2000	545	36.8	5880	740	2000
12/10 mm	2	2000	304	30.8×18.8	3280	380	2000
	4	2000	468	35.8	5000	720	2000
	7	2000	641	42.8	7000	880	2000

❖ Accessories—Micro Duct Connector & Branch Closure

Highlights

- 1 Easy installation, without any special tools.
- 2 High temperature resistance -40°C ~ 65°C.
- 3 High pressure resistance.



Item	Picture	Function
Straight Connector		Connect two micro ducts which are the same outer diameter.
Reducer Connector		Connect two micro ducts which are different outer diameter. Internal cone hole to prevent fibre hang up.
End Stop Connector (End cap)		Used to seal an open micro duct.
Gas block Connector		Avoid fluid (gas) entering the micro duct and damage the equipment.

Duct branch closures are intended for fast and easy branching of micro duct or air blown cables.

Item	I-closure	Y-closure	T-closure
Picture			
Materials	<ul style="list-style-type: none"> Shell: PP Spacers: Nylon Seal: TPE Port Supports: Polypropylene Clamp Plates: Nylon 	<ul style="list-style-type: none"> Shell: ABS Claw: POM Cap: ABS 	<ul style="list-style-type: none"> Shell: ABS Claw: POM Cap: ABS
Dimensions (mm)	615×159×108	290×205×87	360×220×87
Weight (g)	2040	430	540
For Duct Dimensions (OD) (mm)	50	40	40, 32, 25 & 20

❖ Accessories—Manhole Chamber



Load Capacity		EN124 B125
Detail dimensions and specifications (mm)		
L	527	
L1	500	
H	25	
D1	425	
D2	455	
O	450	
F	545	
Weight (kg)		31.5

Highlights

- 1 Price: Economical production cost than concrete manhole of same level.
- 2 Logistics: Knock-down design, 4 times of concrete manhole, transport save 3/4.
- 3 Installation: Less labor and big equipment required.
- 4 Time: Installation time reduce 50%.

Feature

- 1pc cover have two S.S screws lock fasten cover with chamber, high safety and easy maintenance, and two lifting holes with slipknot bolts for the easy lifting.
- 1pc bottom plate with four locating pin for the easy install the side panel.
- 4pcs side panel fastened by S.S Screws one by one, and the packing will be one on top of another in pcs.
- The completely manhole chamber with lid with 1pc cover, 4pcs side panel, 1pc bottom plate.
- Various color options are available and black or grey are recommended for the lid.
- The dimensions of the chamber support customization.



❖ Accessories—Fibre Optical Pedestal



Item	Specifications
Material of Shell	HDPE
Color	Green
Dimensions (OD×H) (mm)	Φ289×837
Protection Rating	IP53

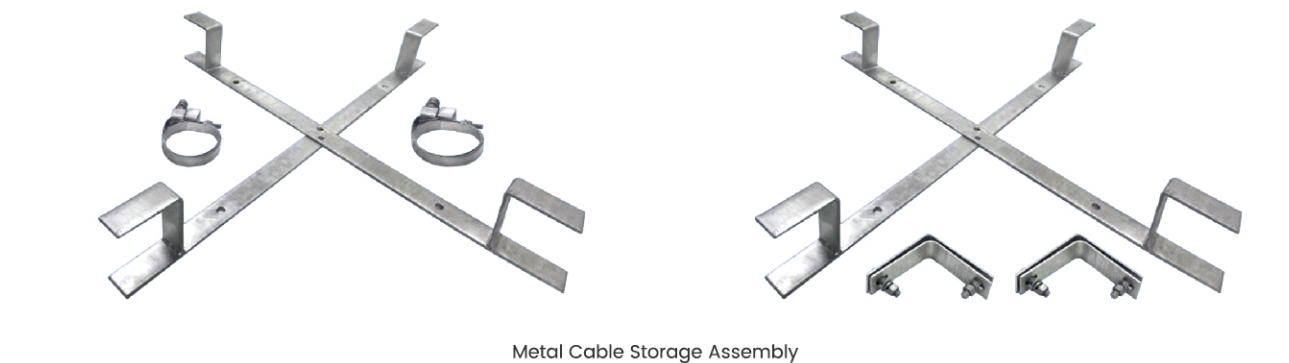
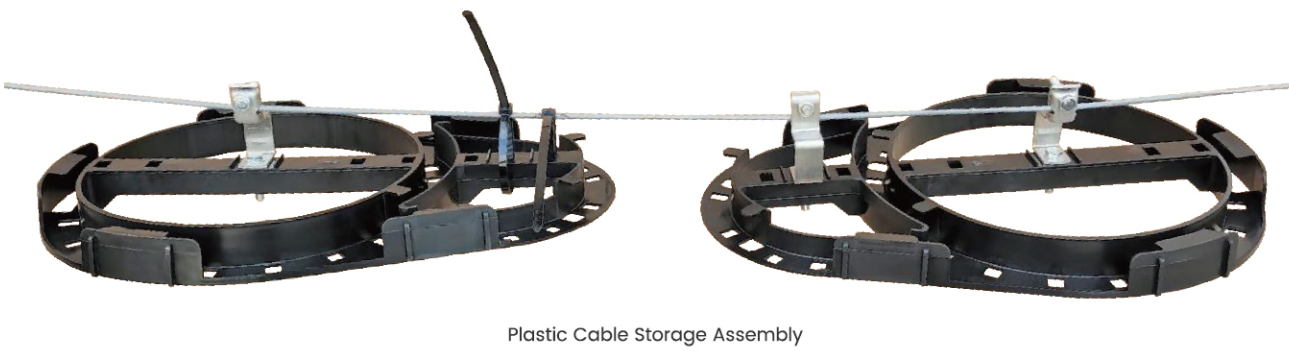
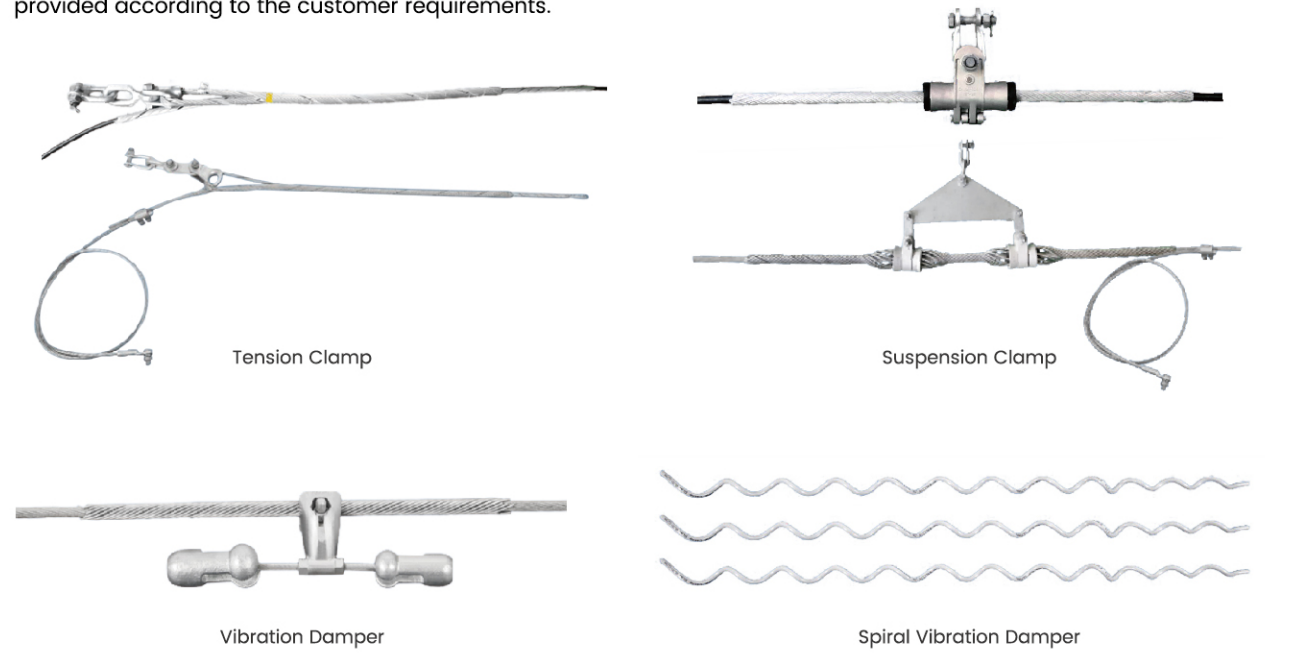
Highlights

- 1 Made of durable, high-strength materials for high security and long service life.
- 2 Universal equipment mounting bracket for different passive products.
- 3 UV resistant, for outdoor scenarios.



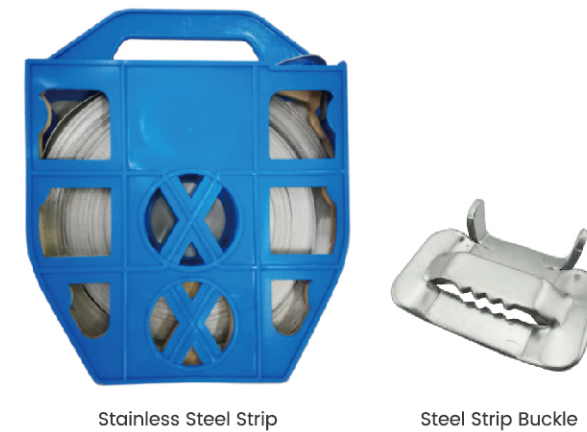
❖ Accessories—Hardware Fittings

YOFC provides a complete set of hardware fittings, including ADSS, OPGW and drop cable. The hardware fittings can be provided according to the customer requirements.



Item	Picture	Diameter of Optical Cable (mm)	Optical Cable Type	Tensile Strength	Material
Wedge-shape Tension Clamp		Φ6-Φ8	Round type	≥4kN	Plastic
		Φ8-Φ12		≥6kN	
		Φ10-Φ14			
		Φ14-Φ18			
Anchoring Aerial Clamp		2×5	Bow type	≥400N	Metal
		Φ5	Round type	≥1kN	Metal
Plastic Wedge Clamp		Φ3	Round type	≥600N	Plastic

❖ Accessories—Stainless Steel Strip & Buckle



Item	Specifications
Material	201/304 Stainless steel
Dimensions	<ul style="list-style-type: none"> • 1/2", (12.7±0.5) × (0.65±0.05) mm • 5/8", (16.0±0.5) × (0.50±0.05) mm • 3/4", (19.0±0.5) × (0.76±0.05) mm