

Take quality as life and customer as God,
Service as purpose, innovation as the pursuit
Your trusted partner in the field of fiber optic internet communication

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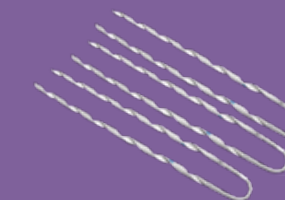
JUNPU

JUNPU



Focus on Fiber Optic Products 10+ Years

Let Us Connect The
World By Fiber



Hangzhou Junpu Optoelectronic Equipment Co.,Ltd

Company Introduce

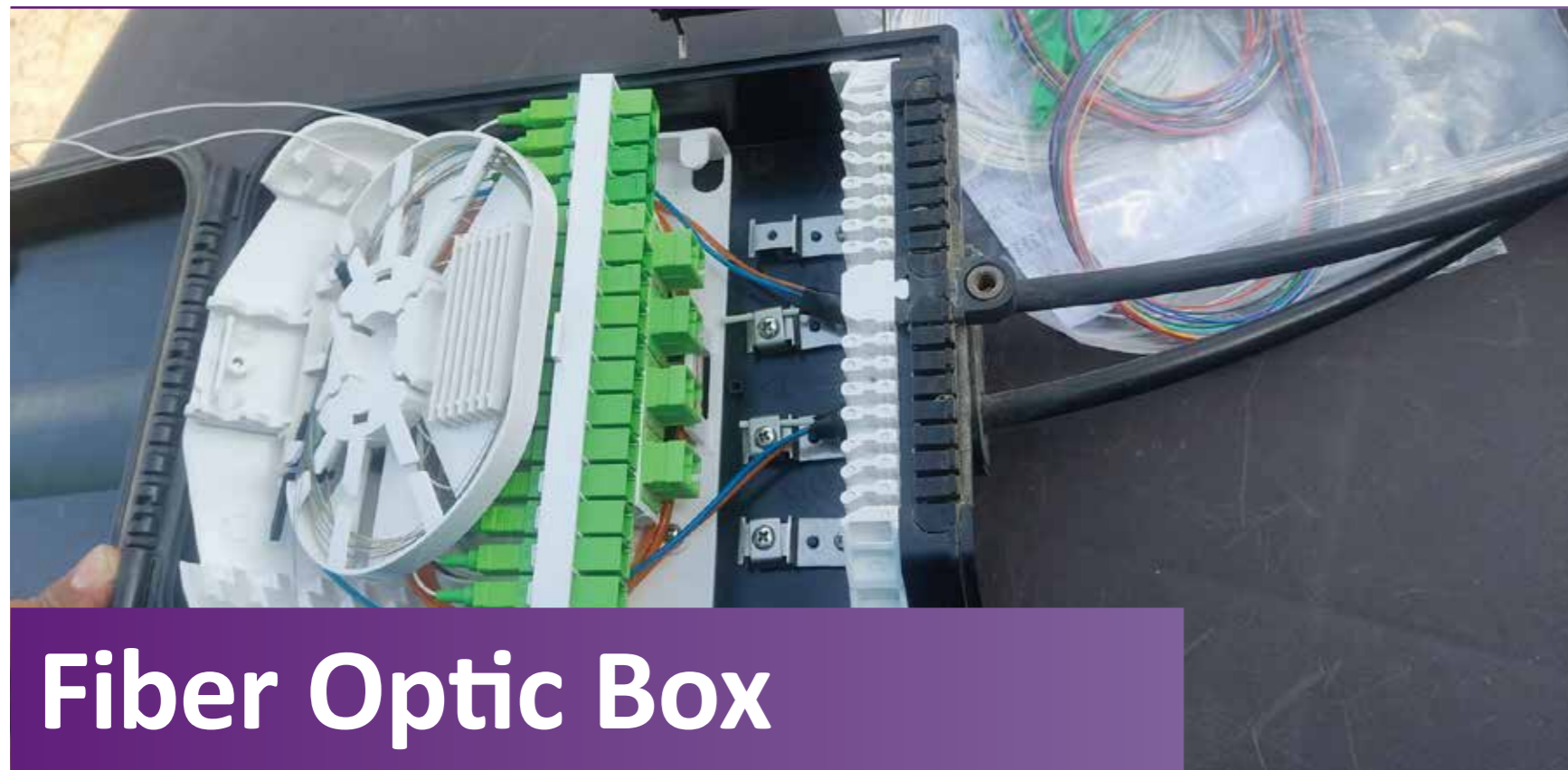
Hangzhou Junpu Optoelectronic Equipment Co.Ltd established in **2008**, which is a national high-tech enterprises that specialized in research, production, and sale of fiber optic equipment products. We are committed to **helping local fiber optic network operators in various countries build local fiber optic networks so that more people can have fast and stable Internet speeds.**

You can get almost a complete set of solutions from us, technical services on call at all times, and support for product OEM customization. **JUNPU do not set a minimum order quantity, so you can develop local business without any worries.**



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Fiber Optic Box

JUNPU Team owned kinds of original molds, and the most popular ones on the market are 8-core, 16-core, and 48-core. Customization is supported. **If you need other styles, please feel free to contact us. Because there are many appearances of boxes, we only show some of them in the catalog.**



FAT-8H

Material	ABS/PC
Size	192*133*47mm
Protection Level	IP65
Mounting Method	Wall-mounted
Max Capacity	8pcs SC adapter 1pcs 1x8 PLC splitter
Cable Port	4/8- Max Φ12MM Cable



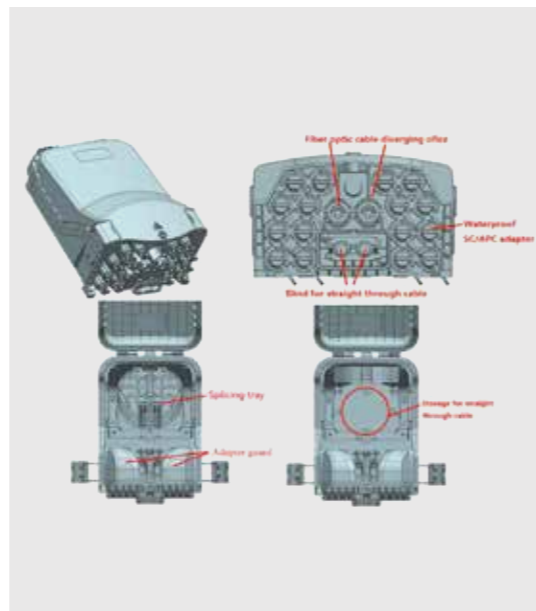
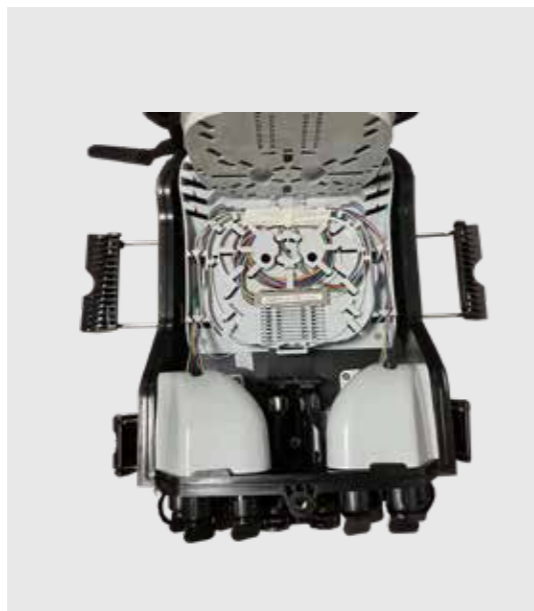
JP-FODB-8FO

Material	PC+ABS
Size	235*125*50mm
Protection Level	IP65
Mounting Method	Wall-mounted
Capacity	8pcs SC adapter, can be installed 1pcs 1x8 PLC splitter
Cable Port	1 - Max Φ8MM mid-span Cable



FAT-10-8P

Material	PP+GF
Size	176*222*79mm
Protection Level	IP65
Mounting Method	Wall-mounted & Pole mounted
Capacity	10 Pcs Pre-installed MINI SC Waterproof Adapter
Cable Port	10 ports cable entrance for FTTH drop cable.



FAB-FTB-16SX

Material	PP or PC+ABS
Size	319.3*214*133mm
Protection Level	IP65
Mounting Method	Wall-mounted & Pole mounted
Capacity	16 pre-connected adapters 1x2, 1x4, 1x8, 1x16 PLC Splitter
Cable Port	1 oval optical cable entry, 2 branch optical cable entries



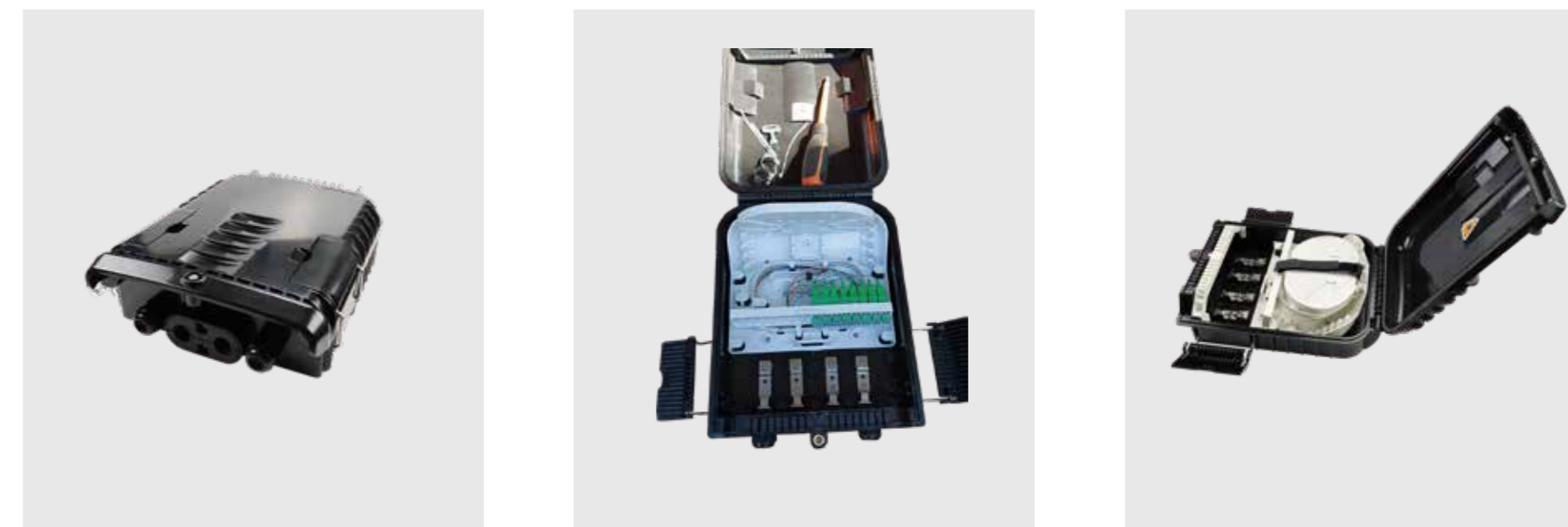
FSTC-16QX

Material	PP or PC+ABS
Size	355*256*140mm
Protection Level	IP68
Mounting Method	Wall-mounted & Pole mounted
Capacity	16 x Mini SC adapters 4x 12F splice trays
Cable Port	1x mid-span cable entrance for uncut cables (7-18mm) and 2x mechanical glands for distribution cable(7-18mm)



JP-I4-16OH

Material	PC+ABS
Size	287x172x102mm
Protection Level	IP65
Mounting Method	Wall-mounted & Pole mounted
Capacity	16pcs SC adapter, can be installed 3pcs 1x8PLC splitter It can be installed 1pcs 1x16 or 2pcs 1x8 cassette splitter
Cable Port	2 - Max Φ12MM Cable, 1-Max Φ12MM mid span Cable



FAP-16W-2

Material	PC+ABS
Size	290x210x78mm
Protection Level	IP65
Mounting Method	Wall-mounted & Pole mounted
Capacity	16pcs SC adapter, can be installed 2pcs 1x8 or 1pcs 1x6 PLC splitter 2 trayx12F
Cable Port	Indoor 2x3mm drop cable and outdoor, figure-8 self-supporting drop cable



FATB-0216H

Material	PC+ABS
Size	340x220x95mm
Protection Level	IP65
Mounting Method	Wall-mounted & Pole mounted
Max Capacity	16pcs SC MINI Waterproof Pre-connected adapter, can be installed 2pcs 1x8 or 1pcs 1x6 PLC splitter
Cable Port	1 mid-span cable entrance(10-16.5mm) for uncut cable.



GFS-16T

Material	PC+ABS
Size	340x204x123.5mm
Protection Level	IP65
Mounting Method	Aerial / Wall-mounting
Max Capacity	16pcs SC adapter, can be installed 2pcs 1x8
Cable Port	Into the largest cable diameter : 12mm cable.



CTO-48P

Material	PC+ABS
Size	450x180x150mm
Protection Level	IP55
Mounting Method	Wall-mounting
Max Capacity	48pcs SC adapter, can be installed with 6pcs 1x8 PLC splitter
Cable Port	2-Max Φ16MM Cable, 1-Max Φ16MM mid span Cable



Fiber Optic Splice Closure

There are 2 types of Fiber Optic Splice Closures.

Horizontal Splice Closures: These are typically used for aerial or underground applications and can accommodate multiple fiber cables and splices

Vertical Splice Closures: Often used in underground applications, these closures are designed to be installed in a vertical position. In summary, fiber optic splice closures are crucial components in fiber optic networks, providing protection and accessibility for spliced fibers. Proper selection, installation, and maintenance of these closures help ensure the reliability and longevity of fiber optic systems.



FOSC-256F

Material	PC+ABS
Size	290x555x106mm
Protection Level	IP65
Mounting Method	Wall-mounted
Max Capacity	256FO
Cable Port	2-MaxΦ22MM Cable



FATC-001

Material	PP+GF
Size	380x245x130mm
Protection Level	IP68
Mounting Method	Wall-mounted & Pole mounted & Aerial-mounted
Max Capacity	96F(Bunchy), 24pcs SC adapter
Cable Port	16pcs 2*3mm drop cable, 2-MaxΦ18MM Cable, 1-MaxΦ16MM mid span Cable



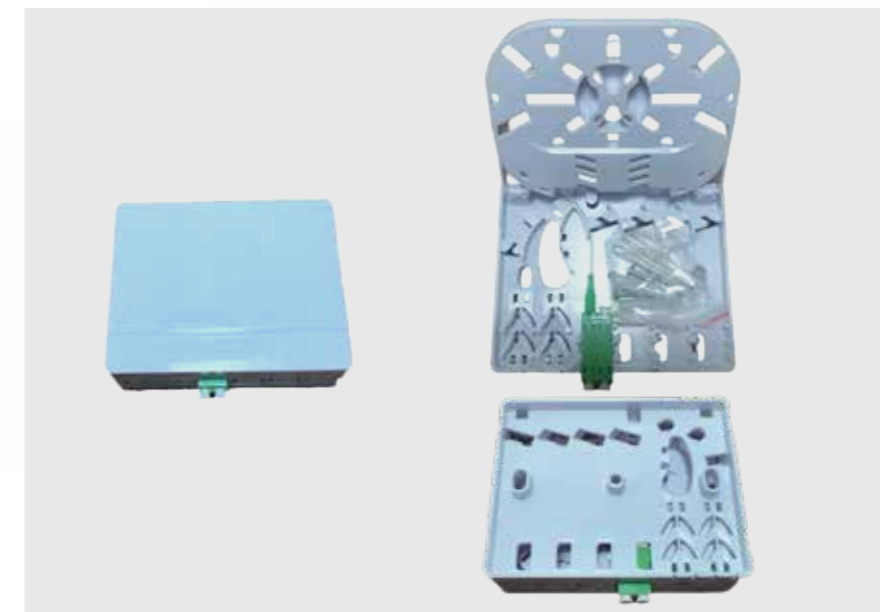
D033	
Material	PP+GF
Size	450×φ230mm
Protection Level	IP68 / Mechanical
Mounting Method	Wall-mounted & Pole mounted & Aerial-mounted
Max Capacity	144F / 6 trays
Cable Port	Pin hole φ5~φ7, Express cable φ10~φ17



An optic fiber rosette box is a crucial component in fiber optic networks, primarily used for the management and termination of fiber optic cables.

The rosette box provides a secure point for terminating multiple fiber optic cables, allowing for organized connections. It often contains splice trays where fibers can be spliced together, as well as distribution points for connecting to other cables or equipment.

Optic fiber rosette boxes play a vital role in the efficiency and reliability of fiber optic networks. Their design and functionality help ensure that fiber connections are secure, organized, and easily maintainable.



FRB-2B-I	
Material	PC+ABS
Size	105x82x21mm
Protection Level	IP55
Mounting Method	Wall-mounted
Max Capacity	2F(Bunchy)

FRB-2B	
Material	PC+ABS
Size	100x80x23mm
Protection Level	IP55
Mounting Method	Wall-mounted
Max Capacity	2F(Bunchy)

FRB-4A	
Material	PC+ABS
Size	100.5x80.5x28.8mm
Protection Level	IP55
Mounting Method	Wall-mounted
Max Capacity	4F(Bunchy)

FRB-4D	
Material	PC+ABS
Size	80x80 x31mm
Protection Level	IP55
Mounting Method	Wall-mounted
Max Capacity	4F(Bunchy)



Fiber Optic Communication Equipment

We have an independent production workshop to produce optical communication equipment, mainly including: **XGS-PON EDFA WDM Combiner, 1550 Optical Transmitter, FTTH Optic Node, Outdoor EDFA and Satellite Optic equipment.** The equipment is supported to be customized and OEM characteristics.

Please share us your requirement and JUNPU technical team will help you work on it.

Category	Items	Unit	Index			Remarks
			Min.	Typ.	Max.	
Optical Index	CATV Operating Wavelength	nm	1545		1565	
	OLT XGPON Pass Wavelength	nm	1310/1490 1270/1577			
	Optical Input Range	dBm	-8		+10	
	Output Power	dBm			40	1dBm interval
	No. of OLT PON Ports				32	SC/PC
					32	LC/PC
	No. of COM Ports				64	SC/APC
					64	LC/APC
	CATV Pass Loss	dB			0.8	
	OLT Pass Loss	dB			0.8	
	Output Adjustment Range	dB	-4		0	0.1dB each step
	Output Ports Uniformity	dB			0.7	
	Output Power Stability	dB			0.3	
	Isolation between CATV and OLT	dB	40			
	Switching Time of Optical Switch	ms			8	Optional
	Insertion Loss of Optical Switch	dB			0.8	Optional
	Noise Figure	dB			6	Pin: 0dBm
	PDL	dB			0.3	(PDL)
PDG	dB			0.4	(PDG)	
PMD	ps			0.3	(PMD)	
Remnant Pump Power	dBm			-30		
Optical Return Loss	dB	45				
Fiber Connector			SC/APC		FC/APC,LC/APC	
RF Test	dBμV	78		82	Optional	
Network Management Interface			SNMP,WEB SUPPORTED			
Power Supply	V	90		265	AC	
		-72		-36	DC	
Power Consumption	W			100	Dual power supply- Output 40dBm	
Operating Temp	℃	-5		65		
Storage Temp	℃	-40		85		
Operating Relative Humidity	%	5		95		
Dimension	mm	370×483×88			W、L、H	
Weight	Kg	7.5				
General Index						

8 - 128 Ports XGS-PON EDFA WDM



	Parameter	Index	Remarks
Optical Parameters	Wavelength (nm)	1550±10	
	Output power (dBm)	1×3 ~ 2×10	
	Optical return loss (dB)	≥60	
	Connector type	SC/APC	Or FC/APC
RF parameters	bandwidth (MHz)	47 ~ 862/1000	
	Input level (dBmV)	23±5	AGC
	Flatness (dB)	≤±0.75	45~862MHz
	Return loss (dB)	≥16	45~750MHz
	Input impedance (Ω)	75	
Link Parameters	channels	PAL-D/60ch	
	CNR (dB)	≥53	65Km fiber, Receive0dBm
	CTB (dB)	≥65	
	CSO (dB)	≥65	
	SBS (dBm)	13 ~ 19	Step 0.1
General Parameters	Net interface	RJ45, R232	
	Power (V)	90 ~ 265	Or -48VDC
	Power loss (W)	≤50	
	Working Temp (°C)	0 ~ 50	Automatically shell temp control
	Storage Temp (°C)	-20 ~ 85	
	Working relative Temp	20% ~ 85%	

1550nm Fiber Optical Transmitter & Sat IF Transmitter



5.3.1	Working Bandwidth	5		2600	MHz	
5.3.2	Input Range	-25		-5	dBm	
5.3.3	Flatness	-1		+1	dB	950~2600MHz
5.3.4	Input Return Loss	10			dB	
5.3.5	RF Port		Imperial			
5.3.6	Input Impedance		75		Ω	
5.3.7	Tuner Feeding Vol		0/13/18		V	
5.3.8	Tuner Feeding Cur			300	mA	



FTTH Node: Active and Passive, Support XGPON, 10G, 1260 ~ 1580nm

Item	Unit	Performance Parameter
Input wavelength	(nm)	1310,1490,1550(XG(S)-PON,1270/1577nm)
Output wavelength	(nm)	1310,1490 (XG(S)-PON,1270/1577nm)
Operation wavelength	(nm)	1540 ~ 1560
Channel separation	(dB)	≥40 (1310/1490nm and 1550nm)
Response	(A/W)	≥0.9
Receive power range	(dBm)	+2 ~ -18
Reflection loss	(dB)	≥55
Fiber linker	/	SC/APC
PON linker	/	SC/UPC(or SC/APC)
Bandwidth/flatness	MHz/dB	47-1000/≤±1
Output level	dBuv	1 RF AGC: 82±1/(-2 ~ -12dBm) 2RF (Can be customized) AGC: 78±1/(-2 ~ -12dBm)
Output level adjustable Range	dB	0 ~ 15 (Can be customized)
Reflection loss	dB	≥14 (75Ω characteristic impedance)
RF output interface	/	Inch (one way output) (Can be customized two ways output)
CNR	dB	≥44/34(PAL-D 60CH, OMI3.8%, -9dBm)
CTB	dB	≥65/≥60/≥60(-1dBm receive)
Power supply/consumption	V/W	AC100 ~ 240V → DC5/3
Working/storage Temperature	°C	-35 ~ 50/-40 ~ 75(humidity 5 ~ 90%)



Optical Network Components

- Following are our main network components:
1. 4.6mm/ 5.0mm Fiber Round Drop Patch Cord
 2. Fiber Patch Cord
 3. Optical PLC Splitter
 4. ODF
 5. Fiber Fast Connector

The patch cord inside structure can be customized and no MOQ limit. The package carton also can be OEM according to your requirement at no extra cost.

Fiber Patch Cord



Fiber Fast Connector



PLC Splitter



ODF



Fiber Optic Cable Fittings

JUNPU Company joined forces with companies in the industry that produce optical cable installation tools. We provide the following optical cable installation tool products to save customers' procurement time and costs. It is also supported sample customization without MOQ limit.

1. Preformed Grip & Suspension Grip
2. BAND 3/4
3. FTTH Pole Bracket
4. Buckle 3/4
5. Drop wire clamp
6. And more...

Fiber Optic Cable Fittings



Clients Project Show

