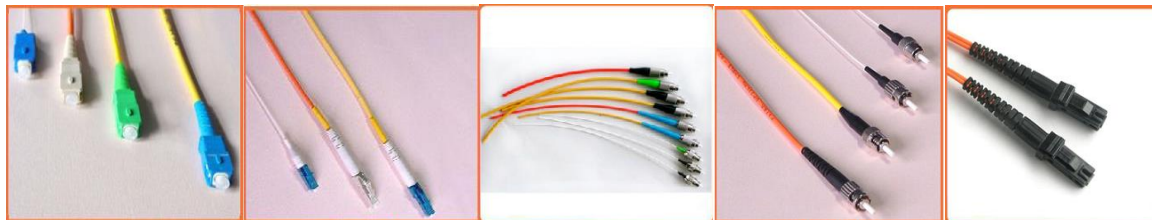


1. Products Center

1-1. Fiber Optic Patch Cord



Specification:

Parameter	Unit	FC, SC, LC				ST, MU			MT-RJ, MPO			E2000	
		SM			MM	SM		MM	SM		MM	SM	
		PC	UPC	APC	PC	PC	UPC	PC	PC	UPC	PC	PC	APC
Insertion loss(typical)	dB	≤0.3	≤0.2	≤0.3	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.3
Return loss	dB	≥45	≥50	≥60	≥30	≥45	≥50	≥30	≥45	≥50	≥35	≥55	≥75
Operating wavelength	nm	1310, 1510				1310, 1510			1310, 1510			1310, 1510	
Exchangeability	dB	≤0.2				≤0.2			≤0.2			≤0.2	
Vibration	dB	≤0.2				≤0.2			≤0.2			≤0.2	
Operating temperature	℃	-40~75				-40~75			-40~75			-40~75	
Storage temperature	℃	-45~85				-45~85			-45~85			-45~85	
Cable diameter	mm	φ3.0, φ2.0, φ0.9				φ3.0, φ2.0, φ0.9			φ3.0, φ2.0, φ0.9			φ3.0, φ2.0, φ0.9	

2. Fiber Optic Pigtails

2-1.Simplex type.



A fibre pigtail is a single short, usually unbuffered, optical fibre that has an optical connector on one end and a length of exposed fibre at the other end.

Specification:

Parameter	Unit	FC, SC, LC				ST, MU			MT-RJ, MPO			E2000	
		SM			MM	SM		MM	SM		MM	SM	
		PC	UPC	APC	PC	PC	UPC	PC	PC	UPC	PC	PC	APC
Insertion loss(typical)	dB	≤0.3	≤0.2	≤0.3	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.3
Return loss	dB	≥45	≥50	≥60	≥30	≥45	≥50	≥30	≥45	≥50	≥35	≥55	≥75
Operating wavelength	nm	1310, 1510				1310, 1510			1310, 1510			1310, 1510	
Exchangeability	dB	≤0.2				≤0.2			≤0.2			≤0.2	
Vibration	dB	≤0.2				≤0.2			≤0.2			≤0.2	
Operating temperature	°C	-40~75				-40~75			-40~75			-40~75	
Storage temperature	°C	-45~85				-45~85			-45~85			-45~85	
Cable diameter	mm	φ3.0, φ2.0, φ0.9				φ3.0, φ2.0, φ0.9			φ3.0, φ2.0, φ0.9			φ3.0, φ2.0, φ0.9	

2-2. Fiber Optic Splitter

FBT Splitter



The FBT Splitter can couple the optical signals in the coupling area, and then re-distribute the light power. The key parameters include operating wavelength, bandwidth, and excess loss, coupling ratio, PDL and so on.

BICC Cable

Specification:

Directivity(dB)	> 55
Operating Temperature(°C)	-20~+70
Storage Temperature(°C)	-40~+85
Fiber Pigtail Length(m)	1or Customer On Request
Port Configuration	1X4 to 32X32

Single mode Dual/Three Window Tree/Star Couplers				
Port Configuration	1X4(4X4)	1X8(8X8)	1X16(16X16)	1X32(32X32)
Max. Insertion Loss (dB)	7.2	10.8	14.4	17.8
Uniformity (Max.) (dB)	0.8	1.7	2.0	2.5
Operating Wavelength (nm)	1310/1550±40, 1310/1490/1550±40 or Custom wavelength			

2-3. Ribbon multi-fiber pigtail type



Specification:

Parameter	Unit	FC, SC, LC				ST, MU			MT-RJ, MPO			E2000	
		SM			MM	SM		MM	SM		MM	SM	
		PC	UPC	APC	PC	PC	UPC	PC	PC	UPC	PC	PC	APC
Insertion loss(typical)	dB	≤0.3	≤0.2	≤0.3	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.3
Return loss	dB	≥45	≥50	≥60	≥30	≥45	≥50	≥30	≥45	≥50	≥35	≥55	≥75

BICC Cable

Operating wavelength	nm	1310, 1510	1310, 1510	1310, 1510	1310, 1510
Exchangeability	dB	≤0.2	≤0.2	≤0.2	≤0.2
Vibration	dB	≤0.2	≤0.2	≤0.2	≤0.2
Operating temperature	°C	-40~75	-40~75	-40~75	-40~75
Storage temperature	°C	-45~85	-45~85	-45~85	-45~85
Cable diameter	mm	φ3.0, φ2.0, φ0.9	φ3.0, φ2.0, φ0.9	φ3.0, φ2.0, φ0.9	φ3.0, φ2.0, φ0.9

3. Fiber Optic Adapter



Specification:

Parameter	Unit	LC, SC, FC, MU, ST, SC-ST, FC-ST, FC-SC,				MTRJ			E2000	
		SM			MM	SM		MM	SM	
		PC	UPC	APC	PC	PC	UPC	PC	PC	APC
Insertion Loss (Typical)	dB	≤0.3	≤0.2	≤0.3	≤0.2	≤0.3	≤0.2	≤0.2	≤0.3	≤0.3
Return Loss	dB	≥45	≥50	≥60	≥30	≥45	≥50	≥35	≥55	≥75
Exchangeability	dB	≤0.2				≤0.2			≤0.2	
Repeatability	dB	≤0.2				≤0.2			≤0.2	
Durability	Time	> 1000				> 1000			> 1000	
Operating Temperature	°C	-40~75				-40~75			-40~75	
Storage Temperature	°C	-45~85				-45~85			-45~85	

4. Fiber Joint enclosure

4-1. In-line type/Horizontal



TJS-(04)-1

TJS-(04)-2

TJS-(04)-3

TJS-(04)-4

TJS-(04)-5

BICC provides 4 fiber cable in-out round ports and the cable diameter is from $\Phi 10 \sim \Phi 22$. It's made of high-quality ABS or PC plastic and with the mechanical seal structure filled with the seal material.

Features:

With 4 fiber cables in-out ports, Cable diameter: $\Phi 10 \sim \Phi 22$

Suitable for duct, aerial, direct buried application

4-2. Vertical type/Dome type



TJS-M3-JF

TJS-M3-RS

TJS-M5-JF

TJS-M5-RS

It provides with 4 fiber cable in-out round ports and the cable diameter is from $\Phi 7 \sim \Phi 22$. It is made of the high-quality ABS and with the mechanical sealing structure filled with the sealing material.

Application:

Suitable for aerial, duct, and underground application

Valve option for pressure testing

Engineering plastic body filled with silicon rubber and sealed with hoop,

BICC Cable

heat shrinkable tube and mechanical sealing for your choice.

Quick open clamped dome-base design

Reliable gasket sealing, reopened repeatedly without changing sealing material.

Suitable for ribbon and non-ribbon fibers

Specification:

Item	TJS-M3-JF	TJS -M3-RS	TJS -M5-RS
Size (mm)	Φ190x410	Φ190x435	Φ210x540
Weight (kg)	2.6	2.5	3.9
Cable diameter	Φ7 ~ Φ22	Φ7 ~ Φ22	Φ7 ~ Φ22
Cable ports	2 in,2 out	2 in,2 out	3 in,3 out
Splice tray cores	24(single)	12/24 (single)	24 (single) /72(ribbon)
No. of splice tray	4	4	4
Max capacity	96(single)	96 (single)	96(single)/288(ribbon)
Cable entry sealing	Screw mechanical	Heat-shrinkable sealing	Heat-shrinkable sealing
Sealing structure	Silicon gum		

5. Fiber Optic Terminal Box

5-1. 19" Rack mounted Fixed type



TTB-R-SC24

TTB-R-2SC12

Fiber Optic Terminal Box can be applied in the branch connection of fiber termination, such as distribution box, 19" standard structure, rack mounting, be able for installation of FC, SC, ST, LC adapters, Max capacity is 48Core

BICC Cable

Type	Dimension(mm)	Max capacity cores	Remark
TTB-R-SC12	480*250*1U	12	The body is made of cold rolled steel sheet,with electrostatic spraying.We can install adaptors for you,available for FC,ST,SC,LC .
TTB-R-SC24	480*250*1U	24	
TTB-R-SC48	480*250*2U	48	
TTB-R-FC12	480*250*1U	12	
TTB-R-FC24	480*250*1U	24	
TTB-R-FC48	480*250*2U	48	
TTB-R-ST12	480*250*1U	24	
TTB-R-ST24	480*250*1U	24	

5-2. 19"Rack mounted Slidable/Drawer type



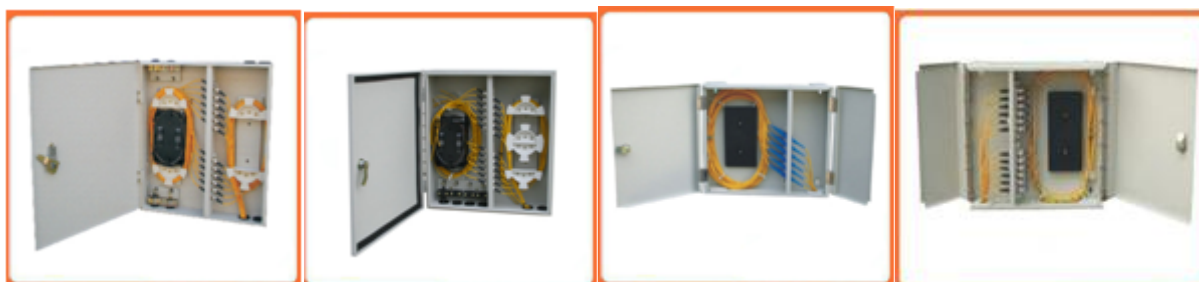
TTB-RS-SC24

Slidable rack mount fiber optic distribution frame is with the drawer for splicing, easy to withdraw the fibers when testing and distributing. It has aluminum sliding fittings with self-locking functions prevent the drawer from falling when moved.

Model	Dimension(mm)	Max capacity(cores)	Remark
TTB-RS-SC12	430*300*1U	12	Cold rolled steel sheet,with electrostatic spraying,suitable for FC,SC,ST,LC adaptors.
TTB-RS -FC24		24	
TTB-RS -2SC24		48	
TTB-RS-FC48	430*300*2U	48	

5.3. Fiber Optic Distribution Panel

5-3-1. Wall mounted type



TDF-(05)A

TDF-(05)B

TDF-(05)A-24A

TDF-(05)C

BICC Cable

Available for small capacity communication system, wall mount, reasonable and compact structure, harmonized with machine room. The cabinet is composed of two parts, one links with optical cables for fusion connection between optical cable and fiber pigtail and another links with patch cord.

Features:

Provide fusion and storage appliance for optical cables

Reliable protection appliance of fixing, stripping and earthing for optical cables.

Whole range protected design for fiber lay to ensure the bending radius=40mm

Provide various accessories to avoid any unexpected damage to the fiber

Packing information:

Type	Dimension(mm)	Max capacity cores	Remark
TDF(05)A-24	455*405*80	24	cold rolled steel sheet, electrostatic spraying. Provide 24-72 adaptors, available for FC, ST, SC, LC . Fit for wall mounting
TDF (05)A-48	455*405*120	48	
TDF (05)A-72	455*405*150	72	
TDF (05)B-48	455*405*120	48	cold rolled steel sheet, electrostatic spraying. Provide 48-72 adaptors, available for FC,ST,SC,LC . Fit for wall mounting
TDF (05)B-72	455*405*150	72	
TDF (05)A-24A	350*350*80	24	cold rolled steel sheet, electrostatic spraying. Provide 12-24 adaptors, available for FC,ST,SC,LC . Fit for wall mounting
TDF (05)C-FC12	350*300*80	12	
TDF (05)C-SC12			

5-4. Fiber Splitter box

5-4-1. 4Port Outdoor splitter box



FTB-104C

BICC Cable

FTTH model/ C type terminal box is light and compact, especially suitable for protective connection of fiber cables and pigtails in FTTH. Widely used in the end termination of residential buildings and villas, to fix and splice with pigtails; Can be installed on the wall; May adapt variety of optical connection styles; Optical fiber can be managed effectively. Available for 1*2/1*4 PLC Splitter.

Features:

FTTH network and CATV system application.

Available for 1*2/1*4 PLC Splitter. Design to protect PLC splitter.

Suit for both Outdoor & Indoor. IP65 Grade.

Waterproof, Anti-UV, Ultra violet resistant and rainfall resistant.

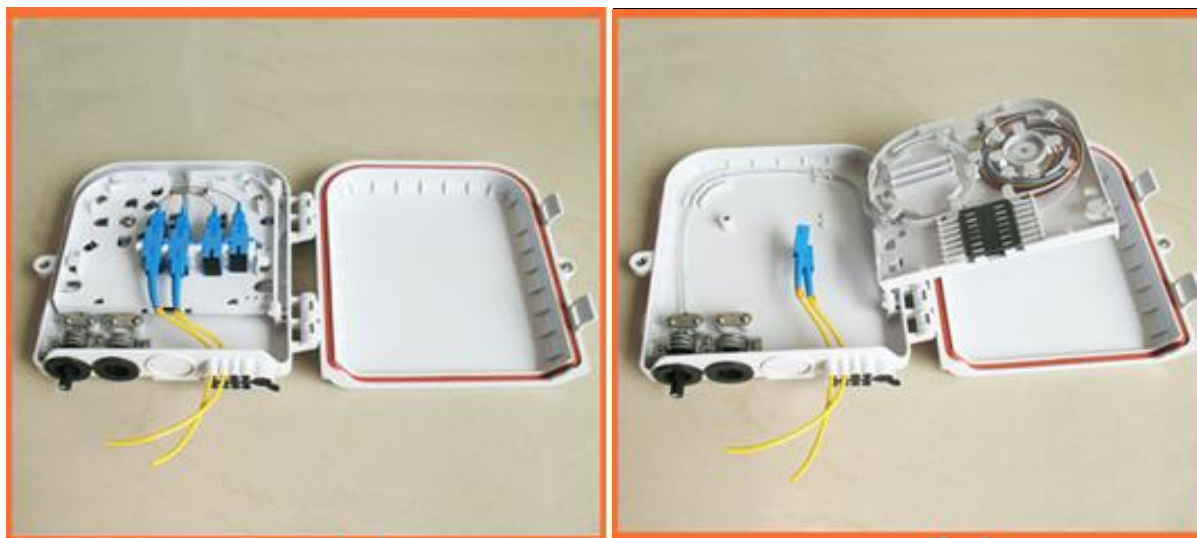
Light weight, small cubage, small installation size, reliable sealing.

Could be connected FTTH Drop cables inside. Design the splicing place for Mechanical Splice

The base and cover of the box adopts "self-clip" & "screw-clip" two times lock method, which is better to use in outdoor for high sealing and waterproof.

Model	Capacity	Size(mm)	Weight (kg)
FTB-104C	4 ports	210(W)X140(H)x40(D)	0.45

5-4-2. 8Port Outdoor splitter box



FTB-08

PLC splitter is compatible with 3 wavelength (1310/1490/1550)

Low insertion loss and high directivity, high quality, reliability, and performance

Available for : 1x8, 2x8

FTTH network and CATV system application

Suitable for SC,LC duplex adapter

Design to protect splitter

BICC Cable

Bracket preparation that can be fixed when installing it on wall

Application for outdoor, IP65 grade

Dimension:

Model	Capacity	Size
FTB-08	8 ports	200mm(W)x215mm(H)x54mm(D)

5-5. 64Port Outdoor Splitter box



Features:

FTB-64

- High quality cold rolled steel body,electrostatic spraying with water proof powder
- High quality water proof lock,wall mounted cabinet
- Operating temperature:-30°C~+55°C,storage temperature: -40°C~+60°C
- With access to 2 pcs of 12 cores fiber optic cables and up to 64 pcs of customer cables
- Suitable for multi fiber optic cable access as well
- Suitable for 72 pcs of SC,FC,ST adapters,easy to installation and maintenance
- Support branch connection styles

Dimension:

Item	FTB-64
Dimension (mm)	H550Xw450xD220

BICC Cable

Cable diameter (mm)	Φ10 ~ Φ14
Cable ports	2 holes
Max capacity of splice tray	24 (single fiber)
Max quantity of splice tray	3
Max capacity of main backbone cable	12 (single fiber)