

FTTx Racks & Passive Products



PT. FIBER TEKNOLOGI INOVASI
Pasar Kenari Lama Lt.1 AKS 125
Jl. Salemba Raya, Jakarta Pusat

Telp: 021- 3913796
Email: adm@fibertekno.co.id

Company Profile

About Us

Registered in 2016, Fiber Teknologi Inovasi is professionally engaged in the integration and service of customized projects of deployment and detection of optical communication network. Fiber Teknologi Inovasi offers the most comprehensive selection of fiber-optical products to customers in different industries.

Fiber Teknologi Inovasi is a company that employs a reliable workforce to produce quality products

1) Telecom Racks and Cabinets 2) Plastic Fiber Termination Boxes 3) Fiber Passive Products 4) Fiber Test Instruments and etc.

Integrity and quality are two factors we hold in the highest regard, Fiber Teknologi Inovasi always keeps 'quality,service' as the guiding principle. As a highly flexible and competitive market player,we are always ready to provide our customers a most suitable and customized solution.

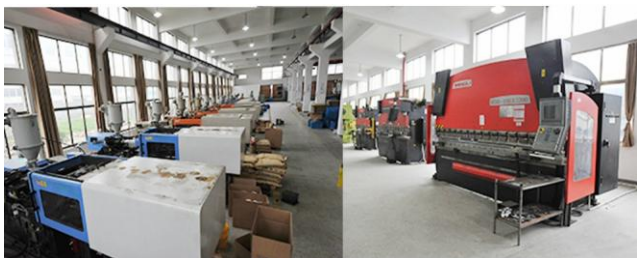
Facilities



Factory Buildings



Passive Products Workroom



Plastic Injection and Metal Punching Workroom



Fiber Instruments Workroom

Catalogue

ODF Patch Panel	01
Fiber Distribution Terminal	06
Fiber Distribution Hub	12
Fiber PLC Splitter	15
Fiber Patchcord & Pigtail	20
Fiber Bunchy Cable	22
Fiber Ribbon Fanout Cable	23
Fiber Breakout Cable	24
Fiber Drop Cable	25
Fiber MPO Patchcord	26
Fiber Adaptors	27
Fiber Mechanical Attenuator	30
Field Assembly Fiber Connector	31
Field Assembly Fusion Splice-on Connector	33
Fiber Optical Connector	34
Fiber Optical Connector Polising Accessories	35

ODF Patch Panel - P1 Series

ODF patch panels are designed to provide a high density 19" rack-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing and management.

Green Telecom ODF patch panel offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

Features

- Rack-mounted 19" with sliding drawer design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- Suitable for the splice of ribbon and bunchy cables
- Maximum capacity up to 96 ports
- Efficient space for cable management
- Cable led out from left or right side of patch panel rear part
- Fully comply with Telcordia GR1209/1221 qualifications

Specification

ODF Patch Panel Parameter

Adaptor Type	SC,FC,ST,Duplex SC,Duplex LC
Capacity	12,24,48,72,96 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating black or white color
Installation Method	Standard 19 inch rack mount
Size Dimension(mm)	485(W) x325(D)x46(H)(19"1U) for 12/24F 485(W) x325(D)x92(H)(19"2U) for 48F 485(W) x325(D)x140(H)(19"3U) for 72F 485(W) x325(D)x185(H)(19"4U) for 96F
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Ordering Information

ODF - P1 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

- 12: 12F
- 24: 24F
- 48: 48F
- 72: 72F
- 96: 96F

5 Pigtail

- 09B: 0.9mm Bunchy
- 09S: 0.9mm Single
- 09R: 0.9mm Ribbon
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- BK: Black
- GY: Gray

ODF Patch Panel - P2 Series

ODF patch panels are designed to provide a high density 19" rack-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing and management.

Green Telecom ODF patch panel offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.



Features

- Standard 19" fixed bolt installation rack-mounted design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- Suitable for the splice of ribbon and bunchy cables
- Maximum capacity up to 144 ports
- Efficient space for cable management
- Cable led out from left or right side of patch panel rear part
- Fully comply with Telcordia GR1209/1221 qualifications

Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Specification

ODF Patch Panel Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	12, 24, 48, 72, 96, 144 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating black or white color
Installation Method	Standard 19 inch rack mount
Size Dimension(mm)	485(W) x 300(D) x 46(H) (19" 1U) for 12/24F 485(W) x 300(D) x 92(H) (19" 2U) for 48F 485(W) x 300(D) x 140(H) (19" 3U) for 72F 485(W) x 300(D) x 185(H) (19" 4U) for 96F 485(W) x 300(D) x 200(H) (19" 4.5U) for 144F
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40

Ordering Information

ODF - P2 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

- 12: 12F
- 24: 24F
- 48: 48F
- 72: 72F
- 96: 96F
- 144: 144F

5 Pigtail

- 09B: 0.9mm Bunchy
- 09S: 0.9mm Single
- 09R: 0.9mm Ribbon
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- BK: Black
- GY: Gray

ODF Patch Panel - P3 Series

ODF patch panels are designed to provide a high density 19" rack-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing and management.

Green Telecom ODF patch panel offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

Features

- Rack-mounted 19" with sliding drawer and front flip panel design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- Suitable for the splice of ribbon and bunchy cables
- Maximum capacity up to 72 ports
- Efficient space for cable management
- Cable led out from left or right side of patch panel rear part
- Fully comply with Telcordia GR1209/1221 qualifications

Specification

ODF Patch Panel Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	12, 24, 48, 72 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Standard 19 inch rack mount
Size Dimension(mm)	482(W) x 300(D) x 46(H) (19" 1U) for 12F 482(W) x 300(D) x 92(H) (19" 2U) for 24F 482(W) x 300(D) x 140(H) (19" 3U) for 36F 482(W) x 300(D) x 185(H) (19" 4U) for 48F 482(W) x 300(D) x 200(H) (19" 4.5U) for 72F
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40

Ordering Information

ODF - P3 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

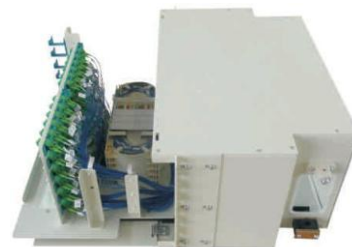
- 12: 12F
- 24: 24F
- 48: 48F
- 72: 72F

5 Pigtail

- 09B: 0.9mm Bunchy
- 09S: 0.9mm Single
- 09R: 0.9mm Ribbon
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- GY: Gray



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

ODF Patch Panel - P4 Series

ODF patch panels are designed to provide a high density 19" rack-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing and management.

Green Telecom ODF patch panel offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

Features

- Rack-mounted 19" with sliding drawer and front flip panel design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- Suitable for the splice of ribbon and bunchy cables
- Maximum capacity up to 720 ports
- Efficient space for cable management
- Cable led out from left or right side of patch panel rear part
- Fully comply with Telcordia GR1209/1221 qualifications

Specification

ODF Patch Panel Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	12, 24, 48, 72, 96, 648, 720 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating computer grey
Installation Method	Standard 19 inch rack mount
Size Dimension(mm)	486(W) x 275(D) x 44(H) for 12F 486(W) x 275(D) x 74(H) for 24F 486(W) x 275(D) x 128(H) for 48F 486(W) x 275(D) x 182(H) for 72F 486(W) x 275(D) x 238(H) for 96F 860(W) x 365(D) x 2000(H) Rack for 648F 860(W) x 365(D) x 2200(H) Rack for 720F
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40

Ordering Information

ODF - P4 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

- 12: 12F
- 24: 24F
- 48: 48F
- 72: 72F
- 96: 96F
- 648: 648F
- 720: 720F

5 Pigtail

- 09B: 0.9mm Bunchy
- 09S: 0.9mm Single
- 09R: 0.9mm Ribbon
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- GY: Gray
- WT: White



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

ODF Patch Panel - P5 Series

ODF patch panels are designed to provide a high density 19" rack-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing and management.

Green Telecom ODF patch panel offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

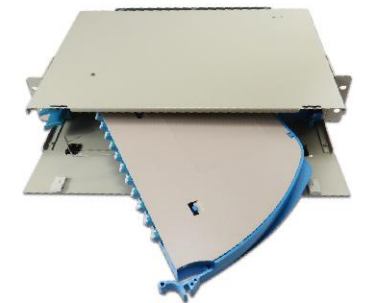
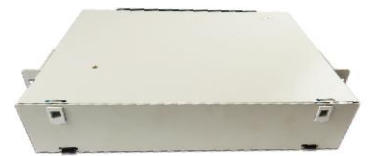
Features

- Rack-mounted 19" with swing out design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- Suitable for the splice of ribbon and bunchy cables
- Maximum capacity up to 48 ports
- Efficient space for cable management
- Cable led out from left or right side of patch panel rear part
- Fully comply with Telcordia GR1209/1221 qualifications

Specification

ODF Patch Panel Parameter

Adaptor Type	SC,FC,ST,Duplex SC,Duplex LC
Capacity	12,24,48,72 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Standard 19 inch rack mount
Size Dimension(mm)	485(W) x300(D)x46(H)(19"1U) for 12F 485(W) x300(D)x92(H)(19"2U) for 24F 485(W) x300(D)x140(H)(19"3U) for 48F 485(W) x300(D)x185(H)(19"4U) for 72F
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Ordering Information

ODF - P5 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

- 12: 12F
- 24: 24F
- 48: 48F
- 72: 72F

5 Pigtail

- 09B: 0.9mm Bunchy
- 09S: 0.9mm Single
- 09R: 0.9mm Ribbon
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- GY: Gray

Fiber Distribution Terminal - T1 Series

Fiber Distribution Terminal Cabinets enables telecom operator & service providers to maintain and manage the distribution of the connection in a disciplined manner for small and large scale FTTx network. These cabinets are specially designed and fabricated for outdoor operations provided to bear extreme weather conditions and provide well organized and centralized distribution of the connections.

T1 Series Fiber Distribution Terminal Cabinets are mainly used for connection,distribution and dispatching of communication optical cables from offices to optical distribution nodes,providing a safe,reliable and flexible fiber management system for communication networks.

Features

- Nonmetal SMC body to effectively prevent condensation
- SMC body can be pulled out from inside structure without interfere in the existing cabling, easy for maintenance in future
- Cross connection between feeder cable and distribution cable
- Waterproof lock,two point locking,customized external padlock
- Dust and splash-proof level reaches IP66
- Full front access or double side access(for 576 cores or above)
- Available in 12F splicing & termination tray
- Available in FC/SC/ST/duplex LC adaptor
- Independent routing of patch cords and fibers
- Optical cable fixing & stripping device to lead-in cables
- With pedestal,facilitating implementation

Specification

FDT - T1 Parameter

Adaptor Type	SC,FC,ST,Duplex SC,Duplex LC
Capacity	96,144,288,384,576,1152 fibers
Body Material	SMC or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Floor-standing
Bending Radius(mm)	> 30

Ordering Information

Model	Dimension HxWxD(mm)	Termination /splicing Unit	Straight Pass Through	PLC Splitter (Tray type)	Door&Access
FDT-T1-96	780x450x275	96F(12Fx8 Trays)	48F(12Fx4 Trays)	1 : 16 x 2 Trays	1xfront
FDT-T1-144	1000x550x305	144F(12Fx12 Trays)	72F(12Fx6 Trays)	1 : 16 x 3 Trays	1xfront
FDT-T1-288	1460x750x340	288F(12Fx24 Trays)	144F(12Fx12 Trays)	1 : 16 x 6 Trays	1xfront
FDT-T1-384	1550x750x340	384F(12Fx32 Trays)	144F(12Fx12 Trays)	1 : 16 x 6 Trays	1xfront
FDT-T1-576A	1460x750x540	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 16 x 12 Trays	1xfront+1xrear
FDT-T1-576B	1554x1460x364	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 16 x 12 Trays	2xfront
FDT-T1-1152	1554x1460x620	1152F(12Fx96 Trays)	576F(12Fx48 Trays)	1 : 16 x 24 Trays	2xfront+2xrear

Please contact sales department for availability and customization



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Fiber Distribution Terminal - T2 Series

Fiber Distribution Terminal Cabinets enables telecom operator & service providers to maintain and manage the distribution of the connection in a disciplined manner for small and large scale FTTx network. These cabinets are specially designed and fabricated for outdoor operations provided to bear extreme weather conditions and provide well organized and centralized distribution of the connections.

T2 Series Fiber Distribution Terminal Cabinets are mainly used for connection, distribution and splitting of communication optical cables from offices to optical distribution nodes, providing a safe, reliable and flexible fiber management system for communication networks.

Features

- Nonmetal SMC body to effectively prevent condensation
- SMC body can be pulled out from inside structure without interfere in the existing cabling, easy for maintenance in future
- Distribution large quantity of cables through PLC Splitters
- Waterproof lock, two point locking, customized external padlock
- Dust and splash-proof level reaches IP66
- Full front access or double side access (for 576 cores or above)
- Available in 12F splicing & termination tray
- Available in FC/SC/ST/duplex LC adaptor
- Independent routing for splitters, parking lots for redundancy
- Optical cable fixing & stripping device to lead-in cables
- With pedestal, facilitating implementation

Specification

FDT - T2 Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	96, 144, 288, 384, 576, 1152 fibers
Body Material	SMC or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Floor-standing
Bending Radius (mm)	> 30

Ordering Information

Model	Dimension HxWxD (mm)	Termination /splicing Unit	Straight Pass Through	PLC Splitter (ABS box type)	Door&Access
FDT-T2-96	780x450x275	96F(12Fx8 Trays)	48F(12Fx4 Trays)	1 : 4 x 12 slots	1xfront
FDT-T2-144	1000x550x305	144F(12Fx12 Trays)	72F(12Fx6 Trays)	1 : 4 x 18 slots	1xfront
FDT-T2-288	1460x750x340	288F(12Fx24 Trays)	144F(12Fx12 Trays)	1 : 4 x 36 slots	1xfront
FDT-T2-384	1550x750x340	384F(12Fx32 Trays)	144F(12Fx12 Trays)	1 : 4 x 36 slots	1xfront
FDT-T2-576A	1460x750x540	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 72 slots	1xfront+1xrear
FDT-T2-576B	1554x1460x364	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 72 slots	2xfront
FDT-T2-1152	1554x1460x620	1152F(12Fx96 Trays)	576F(12Fx48 Trays)	1 : 8 x 144 slots	2xfront+2xrear

Please contact sales department for availability and customization



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Fiber Distribution Terminal - T3 Series

Fiber Distribution Terminal Cabinets enables telecom operator & service providers to maintain and manage the distribution of the connection in a disciplined manner for small and large scale FTTx network. These cabinets are specially designed and fabricated for outdoor operations provided to bear extreme weather conditions and provide well organized and centralized distribution of the connections.

T3 Series Fiber Distribution Terminal Cabinets are mainly used for connection, distribution and splitting of communication optical cables from offices to optical distribution nodes, providing a safe, reliable and flexible fiber management system for communication networks.

Features

- Nonmetal SMC body to effectively prevent condensation
- SMC body can be pulled out from inside structure without interfere in the existing cabling, easy for maintenance in future
- Distribution large quantity of cables through PLC Splitters
- Waterproof lock, two point locking, customized external padlock
- Dust and splash-proof level reaches IP66
- Full front access or double side access (for 576 cores or above)
- Available in 12F splicing & termination tray
- Available in FC/SC/ST/duplex LC adaptor
- Independent routing for splitters, parking lots for redundancy
- Optical cable fixing & stripping device to lead-in cables
- With pedestal, facilitating implementation

Specification

FDT - T3 Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	96, 144, 288, 384, 576, 1152 fibers
Body Material	SMC or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Floor-standing
Bending Radius(mm)	> 30



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Ordering Information

Model	Dimension HxWxD(mm)	Termination /splicing Unit	Straight Pass Through	PLC Splitter (ABS box type)	Door&Access
FDT-T3-96	780x450x275	96F(12Fx8 Trays)	48F(12Fx4 Trays)	1 : 4 x 12 slots	1xfront
FDT-T3-144	1000x550x305	144F(12Fx12 Trays)	72F(12Fx6 Trays)	1 : 4 x 18 slots	1xfront
FDT-T3-288	1460x750x340	288F(12Fx24 Trays)	144F(12Fx12 Trays)	1 : 4 x 36 slots	1xfront
FDT-T3-384	1550x750x340	384F(12Fx32 Trays)	144F(12Fx12 Trays)	1 : 4 x 36 slots	1xfront
FDT-T3-576A	1460x750x540	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 72 slots	1xfront+1xrear
FDT-T3-576B	1554x1460x364	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 72 slots	2xfront
FDT-T3-1152	1554x1460x620	1152F(12Fx96 Trays)	576F(12Fx48 Trays)	1 : 8 x 144 slots	2xfront+2xrear

Please contact sales department for availability and customization

Fiber Distribution Terminal - T4 Series

Fiber Distribution Terminal Cabinets enables telecom operator & service providers to maintain and manage the distribution of the connection in a disciplined manner for small and large scale FTTx network. These cabinets are specially designed and fabricated for outdoor operations provided to bear extreme weather conditions and provide well organized and centralized distribution of the connections.

T4 Series Fiber Distribution Terminal Cabinets are mainly used for connection, distribution and splitting of communication optical cables from offices to optical distribution nodes, providing a safe, reliable and flexible fiber management system for communication networks.

Features

- Nonmetal SMC body to effectively prevent condensation
- SMC body can be pulled out from inside structure without interfere in the existing cabling, easy for maintenance in future
- Distribution large quantity of cables through PLC Splitters
- Waterproof lock, two point locking, customized external padlock
- Dust and splash-proof level reaches IP66
- Full front access or double side access (for 576 cores or above)
- Available in 12F splicing & storage tray
- Available in FC/SC/ST/duplex LC adaptor
- Modular Splitter with pre-connectorized fiber adaptors
- Optical cable fixing & stripping device to lead-in cables
- With pedestal, facilitating implementation

Specification

FDT - T4 Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	96, 144, 288, 384, 576, 1152 fibers
Body Material	SMC or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Floor-standing
Bending Radius(mm)	> 30



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Ordering Information

Model	Dimension HxWxD(mm)	Termination /storage Unit	Straight Pass Through	PLC Splitter (Modular type)	Door&Access
FDT-T4-96	780x450x275	96F(12Fx8 Trays)	48F(12Fx4 Trays)	1 : 8 x 7 units	1xfront
FDT-T4-144	1000x550x305	144F(12Fx12 Trays)	72F(12Fx6 Trays)	1 : 8 x 13 units	1xfront
FDT-T4-288	1460x750x340	288F(12Fx24 Trays)	144F(12Fx12 Trays)	1 : 8 x 26 units	1xfront
FDT-T4-384	1550x750x340	384F(12Fx32 Trays)	144F(12Fx12 Trays)	1 : 8 x 26 units	1xfront
FDT-T4-576A	1460x750x540	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 52 units	1xfront+1xrear
FDT-T4-576B	1554x1460x364	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 52 units	2xfront
FDT-T4-1152	1554x1460x620	1152F(12Fx96 Trays)	576F(12Fx48 Trays)	1 : 8 x 104 units	2xfront+2xrear

Please contact sales department for availability and customization

Fiber Distribution Terminal - T5 Series

Fiber Distribution Terminal Cabinets enables telecom operator & service providers to maintain and manage the distribution of the connection in a disciplined manner for small and large scale FTTx network. These cabinets are specially designed and fabricated for outdoor operations provided to bear extreme weather conditions and provide well organized and centralized distribution of the connections.

T5 Series Fiber Distribution Terminal Cabinets are mainly used for connection, distribution and splitting of communication optical cables from offices to optical distribution nodes, providing a safe, reliable and flexible fiber management system for communication networks.

Features

- Nonmetal SMC body to effectively prevent condensation
- SMC body can be pulled out from inside structure without interfere in the existing cabling, easy for maintenance in future
- Distribution large quantity of cables through PLC Splitters
- Waterproof lock, two point locking, customized external padlock
- Dust and splash-proof level reaches IP66
- Full front access or double side access (for 576 cores or above)
- Available in 12F splicing & storage tray
- Available in FC/SC/ST/duplex LC adaptor
- Modular Splitter with pre-connectorized fiber adaptors
- Optical cable fixing & stripping device to lead-in cables
- With pedestal, facilitating implementation

Specification

FDT - T5 Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	96, 144, 288, 384, 576, 1152 fibers
Body Material	SMC or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Floor-standing
Bending Radius (mm)	> 30

Ordering Information

Model	Dimension HxWxD (mm)	Splice Unit /storage Unit	Straight Pass Through	PLC Splitter (Modular type)	Door & Access
FDT-T5-96	780x450x275	96F(12Fx8 Trays)	48F(12Fx4 Trays)	1 : 8 x 8 units	1xfront
FDT-T5-144	1000x550x305	144F(12Fx12 Trays)	72F(12Fx6 Trays)	1 : 8 x 16 units	1xfront
FDT-T5-252	1460x750x340	252F(12Fx21 Trays)	144F(12Fx12 Trays)	1 : 8 x 32 units	1xfront
FDT-T5-288	1550x750x340	384F(12Fx24 Trays)	144F(12Fx12 Trays)	1 : 8 x 40 units	1xfront
FDT-T5-576A	1460x750x540	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 64 units	1xfront+1xrear
FDT-T5-576B	1554x1460x364	576F(12Fx48 Trays)	288F(12Fx24 Trays)	1 : 8 x 64 units	2xfront
FDT-T5-1152	1554x1460x620	1152F(12Fx96 Trays)	576F(12Fx48 Trays)	1 : 8 x 128 units	2xfront+2xrear

Please contact sales department for availability and customization



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Fiber Distribution Terminal - T6 Series

Fiber Distribution Terminal Cabinets enables telecom operator & service providers to maintain and manage the distribution of the connection in a disciplined manner for small and large scale FTTx network. These cabinets are specially designed and fabricated for outdoor operations provided to bear extreme weather conditions and provide well organized and centralized distribution of the connections.

T6 Series Fiber Distribution Terminal Cabinets are mainly used for connection, distribution and splitting of communication optical cables from offices to optical distribution nodes, providing a safe, reliable and flexible fiber management system for communication networks.

Features

- Nonmetal SMC body to effectively prevent condensation
- SMC body can be pulled out from inside structure without interfere in the existing cabling, easy for maintenance in future
- Distribution large quantity of cables through PLC Splitters
- Waterproof lock, two point locking, customized external padlock
- Dust and splash-proof level reaches IP66
- Full front access or side by side access (for 768 cores)
- Separate function zone for OSF, Bypass and Splice Shelf
- Available in FC/SC/ST/duplex LC adaptor
- Rotary OSF (splitter patch panel) to distribute high density fibers
- Optical cable fixing & stripping device to lead-in cables
- With pedestal, facilitating implementation

Specification

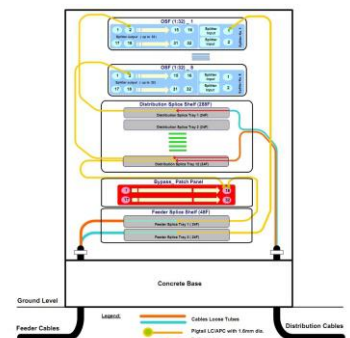
FDT - T6 Parameter

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	384, 768 fibers
Body Material	SMC or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Floor-standing
Bending Radius (mm)	> 30

Ordering Information

Model	Dimension HxWxD (mm)	OSF (optical splitter shelf)	Straight Pass Through	Splice Shelf (Feeder + Distribution)	Door & Access
HD-FDT-384	1550x750x340	2:32F x 12 pcs	48F (24F x 2 Trays)	12F x 36 pcs	1x swing front door
HD-FDT-768	1554x1460x364	2:32F x 24 pcs	96F (24F x 4 Trays)	12F x 72 pcs	2x swing front door

Please contact sales department for availability and customization



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Fiber Distribution Hub - H1 Series

FDH Fiber Distribution Hub are designed to provide a high density wall-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing, splitting and management.

Green Telecom FDH offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

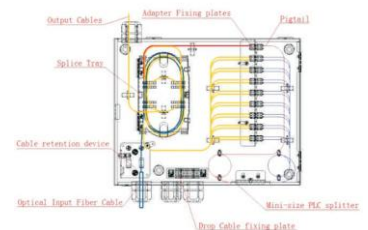
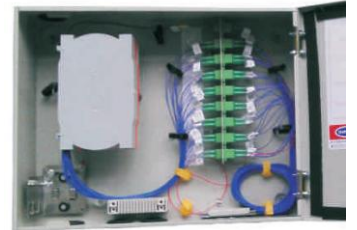
Features

- Wall-mountable installation design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- PG13.5, PG19, PG21 cable glands suitable for all types of cables
- Maximum capacity up to 32 ports
- Efficient space for cable management and storage
- Dust and splash-proof level reaches IP54
- Steel tube type PLC Splitter can be placed for distribution

Specification

FDH-H1 Fiber Distribution Hub

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	8, 16, 32 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Wall mounted (pole mounted optional)
Size Dimension (mm)	460(W) x 350(H) x 140(D)
Strengthen Member Fixation	Yes
Bending Radius (mm)	> 40
PLC Splitter Type	Steel Tube 1x8, 1x16, 1x32
Working Temperature	-20(°C) to +60(°C)
Storage Temperature	-25(°C) to +70(°C)
Relative Humidity	< 90% RH



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Ordering Information

FDH - H1 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

- 08: 8F
- 16: 16F
- 32: 32F

5 Pigtail

- 09S: 0.9mm Single
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- GY: Gray

Fiber Distribution Hub - H2 Series

FDH Fiber Distribution Hub are designed to provide a high density wall-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing and management.

Green Telecom FDH offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

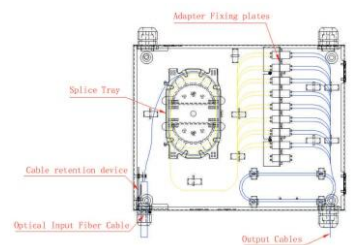
Features

- Wall-mountable installation design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- PG13.5, PG19, PG21 cable glands suitable for all types of cables
- Maximum capacity up to 72 ports
- Efficient space for cable management and storage
- Dust and splash-proof level reaches IP54

Specification

FDH-H2 Fiber Distribution Hub

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	12, 24, 36, 48, 72 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Wall mounted (pole mounted optional)
Size Dimension (mm)	460(W) x 350(H) x 140(D) for 12, 24, 36F 570(W) x 460(H) x 130(D) for 48, 72F
Strengthen Member Fixation	Yes
Bending Radius (mm)	> 40
Working Temperature	-20(°C) to +60(°C)
Storage Temperature	-25(°C) to +70(°C)
Relative Humidity	< 90% RH



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Ordering Information

FDH - H2 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

- 12: 12F
- 24: 24F
- 36: 36F
- 48: 48F
- 72: 72F

5 Pigtail

- 09S: 0.9mm Single
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- GY: Gray

Fiber Distribution Hub - H3 Series

FDH Fiber Distribution Hub are designed to provide a high density wall-mountable solution for next generation fiber networks, it is used as terminal equipment of fiber optical cable for fiber patching, fixation, splicing, splitting and management.

Green Telecom FDH offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.

Features

- Wall-mountable installation design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- PG13.5, PG19, PG21 cable glands suitable for all types of cables
- Maximum capacity up to 32 ports
- Efficient space for cable management and storage
- Dust and splash-proof level reaches IP54
- Insertion modular type PLC Splitter can be placed for distribution

Specification

FDH-H3 Fiber Distribution Hub

Adaptor Type	SC, FC, ST, Duplex SC, Duplex LC
Capacity	16, 32 fibers
Body Material	Cold rolled steel or stainless steel
Surface Treatment	Powder coating white or grey color
Installation Method	Wall mounted (pole mounted optional)
Size Dimension (mm)	460(W) x 350(H) x 140(D) for 16F 570(W) x 460(H) x 130(D) for 32F
Strengthen Member Fixation	Yes
Bending Radius (mm)	> 40
PLC Splitter Type	Insertion Modular 1x16, 2x16
Working Temperature	-20(°C) to +60(°C)
Storage Temperature	-25(°C) to +70(°C)
Relative Humidity	< 90% RH

Ordering Information

FDH - H3 - XX - XX - XX - XX - XX - XX

1 2 3 4 5 6

1 Body Material

- 01: Cold Rolled Steel
- 02: Stainless Steel

2 3 Adaptor

- Nil: No Adaptor
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Capacity

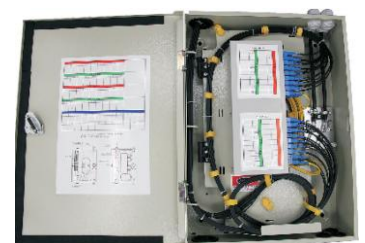
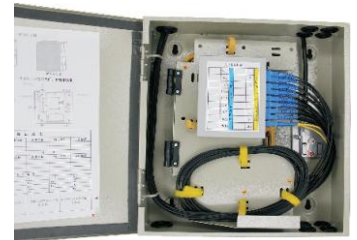
- 16: 16F
- 32: 32F

5 Pigtail

- 09S: 0.9mm Single
- 20S: 2.0mm Single
- 30S: 3.0mm Single

6 Body Color

- WT: White
- GY: Gray



Customization event

- ① Body material
- ② Body color
- ③ Fiber capacity
- ④ Pigtail type
- ⑤ Adaptor type
- ⑥ Branding Logo print

Steel Tube Type PLC Splitter



Description

Green Telecom provides a high precise steel tube type PLC splitter for the construction of optical network .Low requirements of placing position and environment, compact micro type design. It is especially suitable for tiny room installation and can be easily placed into different types of terminal boxes and distribution boxes, in favor of splicing and stay in tray without additional space reservation.

It can be easily applied in FTTx construction, optical network construction,CATV networks and etc.

Product Name Customization event

Steel Tube Type	① Channel count
PLC Splitter	② Fiber core type
	③ Input fiber length
	④ Input connector type
	⑤ Output fiber length
	⑥ Output connector type

Specification

1xN(N>2)PLCS(With connector)Optical parameters

Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operation wavelength(nm)	1260~1650					
Insertion Loss(dB) Max	4.1	7.4	10.5	13.8	17.1	21.0
Uniformity(dB) Max	0.6	0.7	0.8	1.2	1.5	2.0
Return Loss(dB) APC Min	55	55	55	55	55	55
UPC Min	50	50	50	50	50	50
PDL(dB) Max	0.2	0.2	0.3	0.3	0.3	0.3
Directivity(dB) Min	55	55	55	55	55	55
Pigtail length(m)	1.2(±0.1) or customer specified					
Fiber type	G.657A					
Operation temperature(°C)	-40~85					
Storage temperature(°C)	-40~85					
Dimension(L×W×H) (mm)	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	100x40x6

2xN(N>2)PLCS(With connector)Optical parameters

Parameters	2x4	2x8	2x16	2x32	2x64
Operation wavelength(nm)	1260~1650				
Insertion Loss(dB) Max	7.7	10.8	14.1	17.4	21.4
Uniformity(dB) Max	0.6	0.8	1.0	1.5	2.0
Return Loss(dB) APC Min	55	55	55	55	55
UPC Min	50	50	50	50	50
PDL(dB) Max	0.2	0.3	0.4	0.4	0.4
Directivity(dB) Min	55	55	55	55	55
Pigtail length(m)	1.2(±0.1) or customer specified				
Fiber type	G.657A				
Operation temperature(°C)	-40~85				
Storage temperature(°C)	-40~85				
Dimension(L×W×H) (mm)	60x7x4	60x7x4	80x12x4	80x20x6	100x40x6

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

ABS Box Type PLC Splitter



Description

Green Telecom provides high precise box/cassette type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact cassette type design, can easily be placed into optical fiber distribution box, optical fiber junction box or any kind of box, which can reserve some space.

It can be easily applied in FTTx construction, optical network construction, CATV networks and etc.

Product Name Customization event

ABS Box Type	① Channel count
PLC Splitter	② Fiber core type
	③ Input fiber length
	④ Input connector type
	⑤ Input cable type
	⑥ Output fiber length
	⑦ Output connector type
	⑧ Output cable type

Specification

1xN(N>2)PLCS(With connector)Optical parameters							
Parameters		1x2	1x4	1x8	1x16	1x32	1x64
Operation wavelength(nm)		1260~1650					
Insertion Loss(dB)	Max	4.1	7.4	10.5	13.8	17.1	21.0
Uniformity(dB)	Max	0.4	0.7	0.8	1.0	1.3	1.9
Return Loss(dB)	APC Min	55	55	55	55	55	55
	UPC Min	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.3
Directivity(dB)	Min	55	55	55	55	55	55
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		G.657A					
Operation temperature(°C)		-40~85					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		100x80x10			120x80x18		

2xN(N>2)PLCS(With connector)Optical parameters							
Parameters		2x2	2x4	2x8	2x16	2x32	2x64
Operation wavelength(nm)		1260~1650					
Insertion Loss(dB)	Max	4.4	7.7	11.0	14.1	17.4	21.5
Uniformity(dB)	Max	0.6	0.6	0.8	1.0	1.5	2.0
Return Loss(dB)	APC Min	55	55	55	55	55	55
	UPC Min	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.4	0.4	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		G.657A					
Operation temperature(°C)		-40~85					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		100x80x10			120x80x18		

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Mini Box Type PLC Splitter



Description

Green Telecom provides high precise mini box/cassette type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact cassette type design, can easily be placed into optical fiber distribution box, optical fiber junction box or any kind of box, which can reserve some space.

It can be easily applied in FTTx construction, optical network construction, CATV networks and etc.

Product Name Customization event

Mini Box Type	① Channel count
PLC Splitter	② Fiber core type
	③ Input fiber length
	④ Input connector type
	⑤ Input cable type
	⑥ Output fiber length
	⑦ Output connector type
	⑧ Output cable type

Specification

1xN(N>2)PLCS(With connector)Optical parameters

Parameters	1x2	1x4	1x8	1x16
Operation wavelength(nm)	1260~1650			
Insertion Loss(dB) Max	4.1	7.4	10.5	13.8
Uniformity(dB) Max	0.6	0.7	0.8	1.2
Return Loss(dB) APC Min	55	55	55	55
UPC Min	50	50	50	50
PDL(dB) Max	0.2	0.2	0.3	0.3
Directivity(dB) Min	55	55	55	55
Pigtail length(m)	1.2(±0.1) or customer specified			
Fiber type	G.657A			
Operation temperature(°C)	-40~85			
Storage temperature(°C)	-40~85			
Dimension(L×W×H) (mm)	100x30x6	90x20x10	100x26x10	120x30x15

2xN(N>2)PLCS(With connector)Optical parameters

Parameters	2x2	2x4	2x8	2x16
Operation wavelength(nm)	1260~1650			
Insertion Loss(dB) Max	4.4	7.7	11.0	14.1
Uniformity(dB) Max	0.6	0.7	0.8	1.0
Return Loss(dB) APC Min	55	55	55	55
UPC Min	50	50	50	50
PDL(dB) Max	0.2	0.2	0.3	0.4
Directivity(dB) Min	55	55	55	55
Pigtail length(m)	1.2(±0.1) or customer specified			
Fiber type	G.657A			
Operation temperature(°C)	-40~85			
Storage temperature(°C)	-40~85			
Dimension(L×W×H) (mm)	100x30x6	90x20x10	100x26x10	120x30x15

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Modular Box Type PLC Splitter



Description

Green Telecom provides high precise modular box type PLC splitter for the construction of optical network. Low requirements of placing position and environment, compact modular design, it is designed to be placed into optical fiber distribution box, ODF frame, fiber termination box and fiber distribution cabinet.

It can be easily applied in FTTx construction, optical network construction, CATV network and etc.

Product Name Customization event

Modular Type	① Channel count
PLC Splitter	② Fiber core type
	③ Input fiber length
	④ Input connector type
	⑤ Input cable type
	⑥ Output fiber length
	⑦ Output connector type
	⑧ Output cable type

Specification

1xN(N>2)PLCS(With connector)Optical parameters

Parameters		1x2	1x4	1x8	1x16	1x32	1x64
Operation wavelength(nm)		1260~1650					
Insertion Loss(dB)	Max	4.3	7.5	10.7	14.0	17.2	21.2
Uniformity(dB)	Max	0.6	0.7	0.8	1.0	1.3	1.9
Return Loss(dB)	APC Min	55	55	55	55	55	55
	UPC Min	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.3
Directivity(dB)	Min	55	55	55	55	55	55
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		G.657A					
Operation temperature(°C)		-40~85					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		130x100x25		130x100x50		130x100x102	130x100x200

2xN(N>2)PLCS(With connector)Optical parameters

Parameters		2x2	2x4	2x8	2x16	2x32	2x64
Operation wavelength(nm)		1260~1650					
Insertion Loss(dB)	Max	4.4	7.7	11.2	14.2	17.4	21.5
Uniformity(dB)	Max	0.6	0.7	0.8	1.0	1.5	2.0
Return Loss(dB)	APC Min	55	55	55	55	55	55
	UPC Min	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.4	0.4	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		G.657A					
Operation temperature(°C)		-40~85					
Storage temperature(°C)		-40~85					
Dimension(L×W×H) (mm)		130x100x25		130x100x50		130x100x102	130x100x200

Note: With adaptor increase 0.2dB insertion loss.

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Rack Mounted Type PLC Splitter



Description

Green Telecom provides high precise rack mounted type PLC splitter for the construction of optical network. Low requirements of placing position and environment, standard 19 inch rack mounted design. The dimension of 1U or 2U rack mounted splitter can be customized based on the specific requirements. It is normally placed in ODF or 19 inch standard rack.

It can be easily applied in FTTx construction, optical network construction, CATV networks and etc.

Product Name Customization event

Rack Mounted	① Channel count
Type PLC Splitter	② Fiber core type
	③ Input fiber length
	④ Input connector type
	⑤ Input cable type
	⑥ Output fiber length
	⑦ Output connector type
	⑧ Output cable type

Specification

1xN(N>2)PLCS(With connector)Optical parameters

Parameters	1x4	1x8	1x16	1x32	1x64
Operation wavelength(nm)	1260~1650				
Insertion Loss(dB) Max	7.5	10.7	14.0	17.2	21.2
Uniformity(dB) Max	0.7	0.8	1.0	1.3	1.9
Return Loss(dB) APC Min	55	55	55	55	55
UPC Min	50	50	50	50	50
PDL(dB) Max	0.2	0.3	0.3	0.3	0.3
Directivity(dB) Min	55	55	55	55	55
Pigtail length(m)	1.2(±0.1) or customer specified				
Fiber type	G.657A				
Operation temperature(°C)	-40~85				
Storage temperature(°C)	-40~85				
Dimension(L×W×H) (mm)	483 x 200 x 1U / 483 x 200 x 2U				

2xN(N>2)PLCS(With connector)Optical parameters

Parameters	2x4	2x8	2x16	2x32	2x64
Operation wavelength(nm)	1260~1650				
Insertion Loss(dB) Max	7.7	11.2	14.2	17.4	21.5
Return Loss(dB) Max	0.7	0.8	1.0	1.5	2.0
Return Loss(dB) APC Min	55	55	55	55	55
UPC Min	50	50	50	50	50
PDL(dB) Max	0.2	0.3	0.4	0.4	0.4
Directivity(dB) Min	55	55	55	55	55
Pigtail length(m)	1.2(±0.1) or customer specified				
Fiber type	G.657A				
Operation temperature(°C)	-40~85				
Storage temperature(°C)	-40~85				
Dimension(L×W×H) (mm)	483 x 200 x 1U / 483 x 200 x 2U				

Note: With adaptor increase 0.2dB insertion loss.

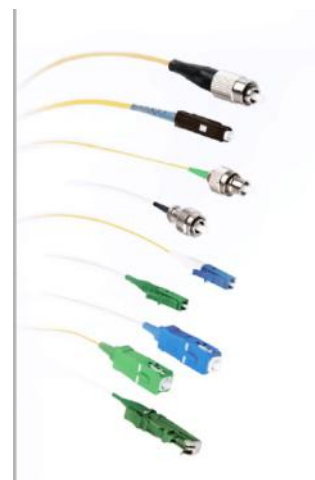
Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Fiber Pigtail and Patchcord

Pigtail and patch-cord are connected single fiber cable or duplex fiber cable. Various connectors such as FC, SC, ST, LC, MU, E2000, DIN are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.

Green Telecom pigtail and patchcord offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.



Customization event

Fiber core type
Cable diameter type
Cable length
Simplex or duplex
Connector A type
Connector B type

Specification

FTTX	Cable	Parameter
Connector Type		SC FC ST LC MU E2000 DIN MPO
Polishing Type		UPC or APC
Fiber Tybe		SM or MM(50/125um or 65.5/125um)
Cable Tybe		Simplex or Duplex
Cable Jacket		LSZH or PVC
Cable Diameter		0.9mm, 1.4mm, 1.6mm, 2.0mm, 3.0mm
Strengthen Member		Kevlar
Fiber Insertion Loss(dB)		< 0.2
Connector Insertion Loss(dB)		< 0.3
Connector Return Loss(dB)		UPC (>55dB) ,APC (>60dB)
Repeatability(500 times)(dB)		<0.2
Bending Radius(mm)		> 30
Tensile Strength(kg/100mm)		>12
Working Temperature		-40 ~ +80°C
Working Humidity		<90%RH

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Ordering Information

OFP - XX - XX - XX - XXX - XX - XX - XXX

1 2 3 4 5 6 7

1 Fiber type	2 3 Connector	4 Cable type	5 Cable diameter	6 Cable color	7 Cable length
<ul style="list-style-type: none"> S0: G652D S1: G657A1 S2: G657A2 S3: G657B2 S4: G657B3 S5: G655C M1: 50/125um M2: 62.5/125um M3: OM3 M4: OM4 	<ul style="list-style-type: none"> Nil: No Connector SU: SC/UPC SA: SC/APC FU: FC/UPC FA: FC/APC LU: LC/UPC LA: LC/APC EU: E2000/UPC EA: E2000/APC MU: MU/UPC DU: DIN/UPC DA: DIN/APC ST: ST/UPC MFA: MPO/FEMALE/APC MFU: MPO/FEMALE/UPC MMA: MPO/MALE/APC MMU: MPO/MALE/UPC 	<ul style="list-style-type: none"> SP: Simplex Core Cable DP: Duplex Core Cable 	<ul style="list-style-type: none"> 09: Φ0.9mm 14: Φ1.4mm 16: Φ1.6mm 20: Φ2.0mm 30: Φ3.0mm 	<ul style="list-style-type: none"> YL: Yellow BU: Blue OG: Orange BN: Brown GY: Gray WT: White RD: Red BK: Black VI: Violet PK: Pink TUR: Turquoise 	<ul style="list-style-type: none"> 0: 0m 999: 999m



Description

FC/UPC – FC/UPC



Description

SC/UPC – SC/UPC



Description

LC/UPC – LC/UPC



Description

FC/APC – FC/APC



Description

SC/APC – SC/APC



Description

LC/APC – LC/APC



Description

ST/UPC – ST/UPC



Description

MU/UPC – MU/UPC



Description

E2000/UPC – E2000/UPC



Description

E2000/APC – E2000/APC



Description

SC – SC Multimode



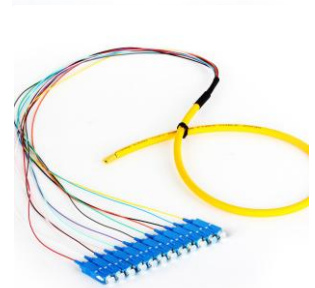
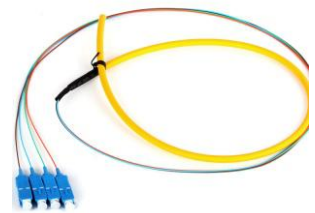
Description

LC – LC Multimode

Fiber Bunchy Cable

Bunchy cable are designed to wrap several single cores pigtails into one jacket to make the cabling more compact and more suitable for ODN projects. Various of connectors such as FC, SC, ST, LC are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.

Green Telecom bunchy cable offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.



Specification

FTTX Cable Parameter	
Connector Type	SC FC ST LC MU E2000 DIN MPO
Polishing Type	UPC or APC
Fiber Tybe	SM or MM(50/125um or 65.5/125um)
Fiber Count Tybe	4,6,8,12,24
Cable Jacket	LSZH or PVC
Outer Cable Jacket	0.9mm,1.4mm,1.6mm,2.0mm,3.0mm
Strengthen Member	Kevlar
Fiber Insertion Loss(dB)	< 0.2
Connector Insertion Loss(dB)	< 0.3
Connector Return Loss(dB)	UPC (>55dB) ,APC (>60dB)
Repeatability(500 times)(dB)	< 0.2
Bending Radius(mm)	> 30
Tensile Strength(kg/100mm)	> 15
Working Temperature	-40 ~ +80°C
Working Humidity	< 90%RH

Customization event

- ① Fiber core type
- ② Fiber count
- ③ Cable length
- ④ Cable Jacket Color
- ⑤ Connector type
- ⑥ Polishing type

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Ordering Information

OBCC - XX - XX - XX - XXX - XX - XX - XXX

1 2 3 4 5 6 7

1 Fiber type	2 Connector	3 Cable count	4 Cable diameter	5 Cable color	6 Cable length
<ul style="list-style-type: none"> • S0: G652D • S1: G657A1 • S2: G657A2 • S3: G657B2 • S4: G657B3 • S5: G655C • M1: 50/125um • M2: 62.5/125um • M3: OM3 • M4: OM4 	<ul style="list-style-type: none"> • Nil: No Connector • SU: SC/UPC • SA: SC/APC • FU: FC/UPC • FA: FC/APC • LU: LC/UPC • LA: LC/APC • EU: E2000/UPC • EA: E2000/APC • MU: MU/UPC • DU: DIN/UPC • DA: DIN/APC • ST: ST/UPC 	<ul style="list-style-type: none"> • 04: 4 Core Cable • 06: 6 Core Cable • 08: 8 Core Cable • 12: 12 Core Cable • 24: 24 Core Cable 	<ul style="list-style-type: none"> • 09: Φ0.9mm • 14: Φ1.4mm • 16: Φ1.6mm • 20: Φ2.0mm • 30: Φ3.0mm 	<ul style="list-style-type: none"> • YL: Yellow • BU: Blue • OG: Orange • BN: Brown • GY: Gray • WT: White • RD: Red • BK: Black • VI: Violet • PK: Pink • TUR: Turquoise 	<ul style="list-style-type: none"> • 0: 0m • 999m

Fiber Ribbon Fanout Cable

Ribbon fanout pigtailed are designed to glue several single cores pigtailed into one ribbon jacket to achieve the high density cabling and more suitable for ODN projects. Various of connectors such as FC, SC, ST, LC are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.

Green Telecom ribbon fanout pigtail offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.



Specification

FTTX	Cable	Parameter
Connector Type	SC FC ST LC MU E2000 DIN MPO	
Polishing Type	UPC or APC	
Fiber Tybe	SM or MM(50/125um or 65.5/125um)	
Fiber Count Type	4,6,8,12	
Cable Jacket	LSZH or PVC,2.0mm diameter	
Outer Cable Jacket	Yellow for SM fiber,Orange for MM fiber	
Strengthen Member	Kevlar	
Fiber Insertion Loss(dB)	< 0. 2	
Connector Insertion Loss(dB)	< 0. 3	
Connector Return Loss(dB)	UPC (>55dB) ,APC (>60dB)	
Repeatability(500 times)(dB)	<0. 2	
Bending Radius(mm)	> 30	
Tensile Strength(kg/100mm)	>15	
Working Temperature	-40 ~ +80℃	
Working Humidity	<90%RH	

Customization event

- ① Fiber core type
- ② Fiber count
- ③ Cable length
- ④ Cable Jacket Type
- ⑤ Connector type
- ⑥ Polishing type

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Ordering Information

ORFC - XX - XX - XX - XXX - XX - XX - XXX

1 2 3 4 5 6 7

1 Fiber type

- S0: G652D
- S1: G657A1
- S2: G657A2
- S3: G657B2
- S4: G657B3
- S5: G655C
- M1: 50/125um
- M2: 62.5/125um
- M3: OM3
- M4: OM4

2 3 Connector

- Nil: No Connector
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC
- EU: E2000/UPC
- EA: E2000/APC
- MU: MU/UPC
- DU: DIN/UPC
- DA: DIN/APC
- ST: ST/UPC

4 Cable count

- 04: 4 Core Cable
- 06: 6 Core Cable
- 08: 8 Core Cable
- 12: 12 Core Cable

5 Fanout Length

- 0: 0m
- 999m

6 Cable color

- YL: Yellow
- BU: Blue
- OG: Orange
- BN: Brown
- GY: Gray
- WT: White
- RD: Red
- BK: Black
- VI: Violet
- PK: Pink
- TUR: Turquoise

7 Cable length

- 0: 0m
- 999m

Fiber Breakout Cable

Fiber breakout cable are designed to wrap several single cores pigtails into one jacket to make the cabling more compact and more suitable for ODN projects. Varies of connectors such as FC, SC, ST, LC are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.

Green Telecom breakout cable offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.



Specification

FTTX Cable Parameter	
Connector Type	SC FC ST LC MU E2000 DIN MPO
Polishing Type	UPC or APC
Fiber Tybe	SM or MM(50/125um or 65.5/125um)
Fiber Count Tybe	4,6,8,12
Cable Jacket	LSZH or PVC,2.0mm diameter
Outer Cable Jacket	Yellow for SM fiber,Orange for MM fiber
Strengthen Member	Kevlar
Fiber Insertion Loss(dB)	< 0.2
Connector Insertion Loss(dB)	< 0.3
Connector Return Loss(dB)	UPC (>55dB) ,APC (>60dB)
Repeatability(500 times)(dB)	<0.2
Bending Radius(mm)	> 30
Tensile Strength(kg/100mm)	> 15
Working Temperature	-40 ~ +80℃
Working Humidity	<90%RH

Customization event

- ① Fiber core type
- ② Fiber count
- ③ Cable length
- ④ Cable Jacket Color
- ⑤ Connector type
- ⑥ Polishing type

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Ordering Information

OBOC - XX - XX - XX - XXX - XX - XX - XXX

1
2
3
4
5
6
7

1 Fiber type	2 3 Connector	4 Cable count	5 Cable diameter	6 Cable color	7 Cable length
<ul style="list-style-type: none"> • S0: G652D • S1: G657A1 • S2: G657A2 • S3: G657B2 • S4: G657B3 • S5: G655C • M1: 50/125um • M2: 62.5/125um • M3: OM3 • M4: OM4 	<ul style="list-style-type: none"> • Nil: No Connector • SU: SC/UPC • SA: SC/APC • FU: FC/UPC • FA: FC/APC • LU: LC/UPC • LA: LC/APC • EU: E2000/UPC • EA: E2000/APC • MU: MU/UPC • DU: DIN/UPC • DA: DIN/APC • ST: ST/UPC 	<ul style="list-style-type: none"> • 04: 4 Core Cable • 06: 6 Core Cable • 08: 8 Core Cable • 12: 12 Core Cable • 24: 24 Core Cable 	<ul style="list-style-type: none"> • 09: Φ0.9mm • 14: Φ1.4mm • 16: Φ1.6mm • 20: Φ2.0mm • 30: Φ3.0mm 	<ul style="list-style-type: none"> • YL: Yellow • BU: Blue • OG: Orange • BN: Brown • GY: Gray • WT: White • RD: Red • BK: Black • VI: Violet • PK: Pink • TUR: Turquoise 	<ul style="list-style-type: none"> • 0: 0m •: 999m

Fiber Drop Cable

Drop cable are connected single fiber cable or duplex fiber cable. Varies connectors such as FC, SC, ST, LC, MU, E2000, DIN are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.

Green Telecom drop cable offers superior optical performance, high stability and high reliability, meet various application requirements in FTTx construction, ODN construction, LAN, Metro network and CATV.



Specification

FTTX Cable Parameter	
Connector Type	SC FC ST LC
Polishing Type	UPC or APC
Fiber Tybe	SM or MM(50/125um or 65.5/125um)
Fiber Count Tybe	Simplex or Duplex
Cable Jacket	Black(outdoor) or White(indoor)
Cable Diameter	3.1mm x 2.0mm(SP), 5.2mm*2.0mm(DP)
Strengthen Member	S:Steel wire,KFRP;Kevlar,GFRP;Glass
Fiber Insertion Loss(dB)	< 0. 2
Connector Insertion Loss(dB)	< 0. 4
Connector Return Loss(dB)	UPC (>55dB) ,APC (>60dB)
Repeatability(500 times)(dB)	<0. 2
Bending Radius(mm)	> 30
Tensile Strength(N/100mm)	>600
Working Temperature	-40 ~ +80℃
Working Humidity	<90%RH

Customization event

- ① Fiber core type
- ② Strengthen member type
- ③ Cable length
- ④ Fiber Count
- ⑤ Connector A type
- ⑥ Connector B type

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Ordering Information

OFDC - XX - XX - XX - XXX - XX - XX - XXX

1 2 3 4 5 6 7

1 Fiber type

- S0: G652D
- S1: G657A1
- S2: G657A2
- S3: G657B2
- S4: G657B3
- S5: G655C
- M1: 50/125um
- M2: 62.5/125um
- M3: OM3
- M4: OM4

2 3 Connector

- Nil: No Connector
- SU: SC/UPC
- SA: SC/APC
- FU: FC/UPC
- FA: FC/APC
- LU: LC/UPC
- LA: LC/APC

4 Cable type

- SP: Simplex Core Cable
- DP: Duplex Core Cable

5 Strengthen Member

- SW: Steel Wire
- KFRP: Kevlar Fiber Reinforced Plastic
- GFRP: Glass Fiber Reinforced Plastic

6 Cable color

- YL: Yellow
- BU: Blue
- OG: Orange
- BN: Brown
- GY: Gray
- WT: White
- RD: Red
- BK: Black
- VI: Violet
- PK: Pink
- TUR: Turquoise

7 Cable length

- 0: 0m
- 999m

Fiber MPO Pigtail and Patchcord

MPO Pigtail and patch-cord is the world leading technology high density solution for telecom central office and data center. Various connectors such as FC, SC, ST, LC are available. Strict manufacturing process ensure reliable quality of the pre-connectorized optical cable. All connectors are with good environmental and mechanical performance.

Green Telecom MPO pigtail and patchcord offers superior optical performance, high stability and high reliability, meet various application requirements in Telecom central office and data center.



Customization event

- ① Fiber core type
- ② Cable length
- ③ Connector A type
- ④ Connector B type

Specification

FTTX Cable Parameter	
Connector Type	SC FC ST LC
Polishing Type	UPC or APC
Fiber Tybe	SM or MM(50/125um or 65.5/125um)
Fiber Count Tybe	4,6,8,12,24 cores
Cable Jacket Color	Yellow(SM) or Green(MM)
Cable Length	Customized
Strengthen Member	Kevlar
Fiber Insertion Loss(dB)	< 0.2
Connector Insertion Loss(dB)	< 0.75
Connector Return Loss(dB)	UPC (>55dB)
Repeatability(1000 times)(dB)	<0.2
Bending Radius(mm)	>15
Tensile Strength(N/100mm)	>120
Working Temperature	-40 ~ +80℃
Working Humidity	<90%RH

Features

- Compact design
- Low insertion loss and low PDL
- High reliability
- High channel counts
- Wide wavelength range
- Large operating and temperature range
- Customized packaging and configuration
- Conform to ITU-T Standard

Ordering Information

OFP - XX - XX - XX - XXX - XX - XX - XXX

1 2 3 4 5 6 7

1 Fiber type	2 3 Connector	4 Cable type	5 Cable diameter	6 Cable color	7 Cable length
<ul style="list-style-type: none"> S0: G652D S1: G657A1 S2: G657A2 S3: G657B2 S4: G657B3 S5: G655C M1: 50/125um M2: 62.5/125um M3: OM3 M4: OM4 	<ul style="list-style-type: none"> Nil: No Connector SU: SC/UPC SA: SC/APC FU: FC/UPC FA: FC/APC LU: LC/UPC LA: LC/APC EU: E2000/UPC EA: E2000/APC MU: MU/UPC DU: DIN/UPC DA: DIN/APC ST: ST/UPC MFA: MPO/FEMALE/APC MFU: MPO/FEMALE/UPC MMA: MPO/MALE/APC MMU: MPO/MALE/UPC 	<ul style="list-style-type: none"> SP: Simplex Core Cable DP: Duplex Core Cable 	<ul style="list-style-type: none"> 09: Φ0.9mm 14: Φ1.4mm 16: Φ1.6mm 20: Φ2.0mm 30: Φ3.0mm 	<ul style="list-style-type: none"> YL: Yellow BU: Blue OG: Orange BN: Brown GY: Gray WT: White RD: Red BK: Black VI: Violet PK: Pink TUR: Turquoise 	<ul style="list-style-type: none"> 0: 0m 999: 999m

Mating Sleeve Adaptor

Fiber adaptor is one kind of fiber flanges to be used for the interconnection between two fiber connectors. UPC and APC polishing are available to be selected. For interconnecting fiber connectors, there are two kinds of fiber adaptors, mating sleeve and hybrid adaptor.

Mating sleeve adaptor is used in interconnecting of two same connectors so that it is widely applied in optical fiber management system, optical testing project, ODN, FTTx, Metro, CATV.

Features

- Easy to use
- Easy to be installed in ODN equipments
- High reliability
- Low insertion loss
- Zirconia internal tube
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Specification

Connector Type	FC SC LC ST DIN E2000 MU MTRJ
Polishing Mode	UPC or APC
Insertion Loss	< 0. 2dB
Interchangeability	< 0. 2dB
Durability	> 1000 times
Repeatability	<0. 1dB
Working Temp	-40 ~ +80℃
Working Humidity	<90%RH



Description

Mating sleeve adaptor, FC & FC UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor, FC & FC UPC, simplex, little D shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor, FC & FC UPC, simplex, square shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor, FC & FC UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor, FC & FC UPC, simplex, square shape, zirconia internal tube, plastic material



Description

Mating sleeve adaptor, FC & FC UPC, simplex, rectangle shape, zirconia internal tube, plastic material



Description

Mating sleeve adaptor, FC & FC UPC, duplex, rectangle shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor, FC & FC connecting port, simplex, big shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor, FC & FC APC, simplex, circle shape, zirconia internal tube, metal material



Description

Mating sleeve adaptor,
SC & SC UPC,
simplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
LC & LC UPC,
simplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
MU & MU UPC,
simplex, rectangle shape,
zirconia internal tube,
metal material



Description

Mating sleeve adaptor,
SC & SC APC,
duplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
LC & LC UPC,
duplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
MU & MU UPC,
duplex, rectangle shape,
zirconia internal tube,
metal material



Description

Mating sleeve adaptor,
SC & SC APC,
simplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
LC & LC APC,
duplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
DIN & DIN UPC,
simplex, rectangle shape,
zirconia internal tube,
metal material



Description

Mating sleeve adaptor,
SC & SC UPC,
duplex, rectangle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
E2000 & E2000 UPC,
simplex, circle shape,
zirconia internal tube,
plastic material



Description

Mating sleeve adaptor,
E2000 & E2000 APC,
simplex, circle shape,
zirconia internal tube,
plastic material

Hybrid Adaptor & Bare Fiber Adaptor

Fiber adaptor is one kind of fiber flanges to be used for the interconnection between two fiber connectors. UPC and APC polishing are available to be selected. For interconnecting fiber connectors, there are two kinds of fiber adaptors, mating sleeve and hybrid adaptor.

Hybrid adaptor is used in interconnecting of two different connectors so that it is widely applied in optical fiber management system, optical testing project, ODN, FTTx, Metro, CATV.

Bare fiber adaptor is a special hybrid adaptor for 0.25mm bare fiber (tight buffer coating) to form an adaptor quickly. Bare fiber adaptor is widely applied in field testing, ODF and ODN project.

Features

- Easy to use
- Easy to be installed in ODN equipments
- High reliability
- Low insertion loss
- Zirconia internal tube
- Large operating and temperature range
- Customized packaging and configuration
- Full Telcordia GR1209/1221 qualifications

Specification

Connector Type	FC SC LC ST DIN E2000 MU MTRJ
Polishing Mode	UPC or APC
Insertion Loss	< 0.2dB
Interchangeability	< 0.2dB
Durability	> 1000 times
Repeatability	< 0.1dB
Working Temp	-40 ~ +80℃
Working Humidity	< 90%RH



Description

Hybrid adaptor, FC & ST UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Hybrid adaptor, FC & LC UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Hybrid adaptor, FC & SC UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Hybrid adaptor, SC & LC UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Hybrid adaptor, SC & ST UPC, simplex, rectangle shape, zirconia internal tube, metal material



Description

Bare fiber adaptor, FC UPC, single mode, zirconia internal tube, metal material



Description

Bare fiber adaptor, LC UPC, single mode, zirconia internal tube, metal material



Description

Bare fiber adaptor, SC UPC, single mode, zirconia internal tube, metal material



Description

Bare fiber adaptor, ST UPC, single mode, zirconia internal tube, metal material

Fiber Mechanical Attenuator

Fiber mechanical attenuator is a passive optical optical flange to provide a certain value of attenuation on optical power level.

Fiber mechanical attenuator divides to two types, bulkhead female to female attenuator and female to male type attenuator. A fixed attenuation value or variable attenuation value are available to be selected.

Fiber mechanical attenuator is used in interconnecting of two connectors, it is widely applied in optical fiber management system, optical testing project, ODN, LAN, WAN, FTTx, Metro and CATV.

Features

- Easy to use
- Easy to be installed in ODN equipments
- High reliability
- Plug and play design
- Accurate attenuation value
- Guaranteed return loss of -55dB
- Protect equipment from being overpowered
- Full Telcordia GR1209/1221 qualifications

Specification

Connector Type	FC SC LC ST DIN E2000 MU MTRJ
Polishing Mode	UPC or APC
Attenuation Tolerance	0.5dB
Fiber Type	Single mode
Return Loss	> 55dB
Wavelength	1310nm, 1490nm, 1550nm
Working Temp	-40 ~ +80°C
Working Humidity	<90%RH



Description

Female to male attenuator

FC UPC fixed,1 - 15dB
zirconia internal tube
metal material



Description

Female to male attenuator

LC UPC fixed,1 - 15dB
zirconia internal tube
plastic material



Description

Female to male attenuator

SC to LC UPC fixed,1 - 15dB
zirconia internal tube
metal material



Description

Female to male attenuator

SC UPC fixed,1 - 15dB
zirconia internal tube
metal material



Description

Bulkhead attenuator

FC & FC fixed,1 - 15dB
simplex, rectangle shape
zirconia internal tube
metal material



Description

Bulkhead attenuator

SC & SC fixed,1 - 15dB
simplex, rectangle shape
zirconia internal tube
plastic material



Description

Bulkhead attenuator

LC & LC fixed,1 - 15dB
simplex, rectangle shape
zirconia internal tube
plastic material



Description

Bulkhead attenuator

FC & FC variable,1 - 30dB
simplex, rectangle shape
zirconia internal tube
metal material



Description

Bulkhead attenuator

ST & ST variable,1 - 30dB
simplex, rectangle shape
zirconia internal tube
metal material

Field Assembly Fiber Connector

With the rasing of FTTH construction around the world, field assembly fiber connector FAOC is a most common solution used to terminate optical fiber espeically for FTTx drop cable.

Filed assembly fiber connector FAOC technology enable site engineers to build a connector upon the existing optical cable within just a few minutes, it enhances the working efficiency dramatically, and FAOC is reusable for 10 time so it is also the most saving solution for telecom operators.

Filed assembly fiber connector FAOC technology is wildy applied in ODN construction, especially in fiber distribution box, fiber termination box and fiber rossette.

Features

- Suitable for FTTx butterfly type drop cable
- Low insertion loss(including optical adapter)
- Screw design, easy to open and close
- Preset fiber and matching-fluid design minimizes optical loss
- Best quality ceramic ferrule
- Guaranteed optical loss less than 0. 5dB
- Easy to use, reusable for 10 times

Specification

Field Assembly Fiber Connector

Connection type	Preset fiber with matching fluid
Connector type	SC or LC
Polishing type	UPC or APC
Cable fixing type	Screw type
Suitable fiber type	SM 9/125um and MM
Applicable cable	250-900um, 2. 0mm, 2. 0x3. 1mm, 3. 0mm
Fiber coating diameter	250um
Insertion loss (dB)	<0. 5 (including adaptor)
Return loss (dB)	UPC:>40dB, APC:>45dB
Impact test	<0. 2dB, 1. 5m, 10 repetition
Durability test	<0. 2dB, 200x assembly/disassembly
Vibrate test	<0. 2dB, 3x2hr/axis, 1, 5mm, 10-55Hz
Thermal cycle test	<0. 2dB, -40℃~+75℃, 21 cycles for 168 hrs
Humidity test	<0. 2dB, 90 to 95%, Temp 75℃ for 168 hrs
Tensile force (N)	>10N
Working temperature (℃)	-40℃~85℃
Working Humidity	<90%RH
Connector Length	6. 1cm
Weight	0. 004kg
Packing method	Individual plastic bag/ pcs, big plastic bag/10pcs, paper carton/ 100pcs, big paper carton/ 1000pcs



Description

FAOC,SC/UPC,SM, Preset Fiber Type



Description

FAOC,SC/APC,SM, Preset Fiber Type



Description

FAOC,SC,MM, Preset Fiber Type



Description

FAOC,LC/UPC,SM, Preset Fiber Type

Field Assembly Fiber Connector

SC/UPC SM



SC/APC SM



LC/UPC SM



SC MM



Operation Method



STEP 1

Place drop cable through dustcap



STEP 2

Strip the drop cable by 5cm



STEP 3

Strip the coating fiber



STEP 4

Clean the coating fiber



STEP 5

Cleave fiber with spacer



STEP 6

Insert fiber to the bottom of FAOC body



STEP 7

Screw to lock the drop cable

Field Installable Fusion Splice-on Connector

For FTTH installation and deployment, mechanical connectors have been widely used, however unstable quality, weak durability and high maintenance cost might be of a concern, splice-on connectors are invented to provide a more solid solution for FTTH installation.

Splice-on connector technology has made it an integration with fusion splicing machine to improve the field work efficiency dramatically.

The splice-on connector can be used not only in the field of communication but also widely used in advanced technical fields including aero space, military, ship-building, medical and power plant and most of FTTx Network solution.

Features

- Suitable for FTTx butterfly type drop cable
- Low insertion loss(including optical adapter)
- Saving cost dramatically especially the maintenance cost
- High durability and high quality FTTH connectoring
- Enhanced high quality with improved optical features (Return loss & Splice loss)
- Enhanced & improved highly tensile strength(exceeding 60N)
- Easy to use

Specification

Field Installable Fusion Splice-on Connector

Connector type	SC
Polishing type	UPC or APC
Suitable fiber type	SM9/125um
Applicable cable	250-900um, 2.0mm, 2.0x3.1mm, 3.0mm
Fiber coating diameter	250um
Insertion loss (dB)	<Average 0.2dB (Max 0.3dB)
Return loss (dB)	UPC:>50dB, APC:>60dB
Impact test	<0.2dB, 1.5m, 10 repetition
Durability test	<0.2dB, 500 Cycle
Vibrate test	<0.2dB, 3x2hr/axis, 1.5mm, 10-55Hz
Thermal cycle test	<0.2dB, -40℃~+75℃, 21 cycles for 168 hrs
Humidity test	<0.2dB, 90 to 95%, Temp 75℃ for 168 hrs
Tensile force (N)	>60N
Working temperature (℃)	-40℃~85℃
Working Humidity	<90%RH
Weight	0.004kg
Packing method	Individual plastic bag/pcs, big plastic bag/10pcs, paper carton/100pcs, big paper carton/1000pcs



Description

Splice On Connector, SC/UPC, SM Type



Description

Splice On Connector, SC/UPC, SM Type



Description

Splice On Connector, SC/APC, SM Type

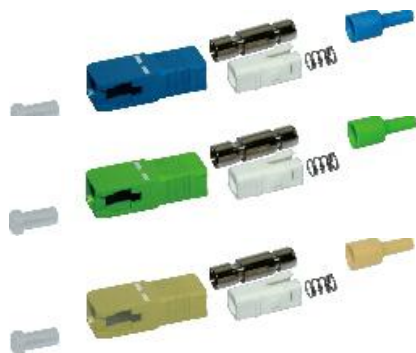


Description

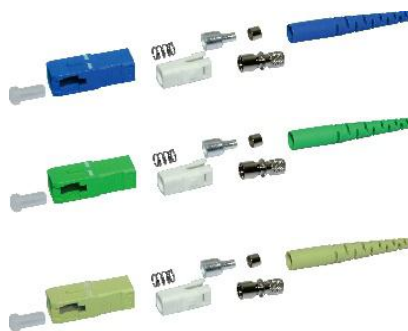
Splice On Connector, SC/APC, SM Type

Fiber Optical Connector

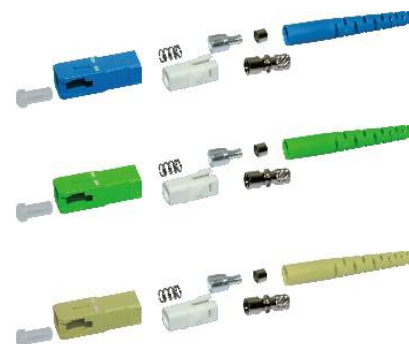
SC 0.9mm Connector



SC 2.0mm Connector



SC 3.0mm Connector



FC 0.9mm Connector



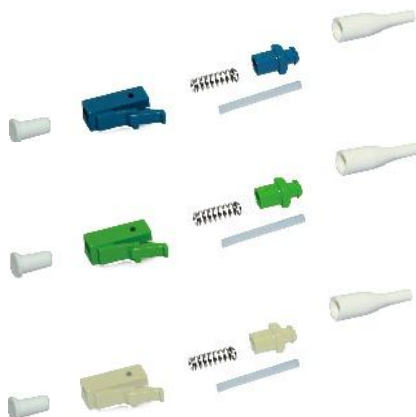
FC 2.0mm Connector



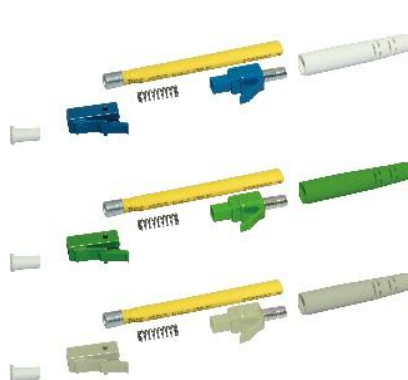
FC 3.0mm Connector



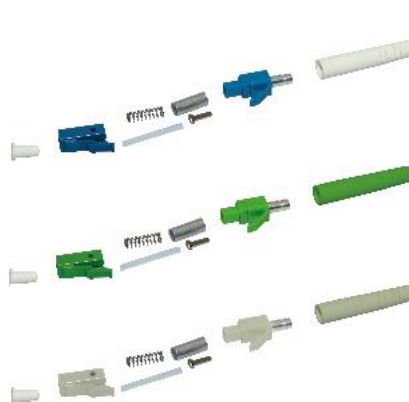
LC 0.9mm Connector



LC 2.0mm Connector



LC 3.0mm Connector



SC Connector For Drop Cable



LC Duplex Connector



Fiber Optical Connector Polishing Accessories

SM-01A Polish Machine



SM-02A Polish Machine



SM-02B Polish Machine



SC/UPC Polish Disc



FC/UPC Polish Disc



LC/UPC Polish Disc



Heating Oven Machine



Heating Oven Machine



Auto Cable Cutting Machine



Cable Rolling Machine



ADS KDS



Polish Fluid



353ND Glue



Polish Rubber Pad



Polish Film





Please visit our website:
www.fibertekno.co.id



PT. FIBER TEKNOLOGI INOVASI
Pasar Kenari Lama Lt.1 AKS 125
Jl. Salemba Raya, Jakarta Pusat

Telp: 021- 3913796
Email: adm@fibertekno.co.id