FTTx Racks&Passive Products

ODF | FDH | FDT | Patchcord | PLC Splitter | Adaptor | FAOC | SOC

About Us

Registered in 1999,Green Telecom is professionally engaged in the integration and service of customized projects of deployment and detection of optical communication network. Green Telecom offers the most comprehensive selection of fiber-optical products to customers in different industries.

Green Telecom owns a factory of 40,000 square meters,with employees over 130 people,to manufacture 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, Green Telecom 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 - 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 equipemnt 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

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 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

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 equipemnt 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) x300(D)x46(H)(19"1U) for 12/24F
	485(W) x300(D)x92(H)(19"2U) for 48F
	485(W) x300(D)x140(H)(19"3U) for 72F
	485(W) x300(D)x185(H)(19"4U) for 96F
	485(W) x300(D)x200(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 equipemnt 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) x300(D)x46(H)(19"1U) for 12F
	482(W) x300(D)x92(H)(19"2U) for 24F
	482(W) x300(D)x140(H)(19"3U) for 36F
	482(W) x300(D)x185(H)(19"4U) for 48F
	482(W) x300(D)x200(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 equipemnt 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) x275(D)x44(H) for 12F
	486(W) x275(D)x74(H) for 24F
	486(W) x275(D)x128(H) for 48F
	486(W) x275(D)x182(H) for 72F
	486(W) x275(D)x238(H) for 96F
	860(W) x365(D)x2000(H) Rack for 648F
	860(W) x365(D)x2200(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 equipemnt 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	2 3 Adaptor	4 Capacity	5 Pigtail	6 Body Color
• 01:Cold Rolled Steel	• Nil: No Adaptor	• 12:12F	• 09B:0.9mm Bunchy	• WT:White
• 02:Stainless Steel	• SU:SC/UPC	• 24:24F	• 09S:0.9mm Single	• GY:Gray
	• SA:SC/APC	• 48:48F	• 09R:0.9mm Ribbon	
	• FU:FC/UPC	• 72:72F	• 20S:2.0mm Single	
	• FA:FC/APC		• 30S:3.0mm Single	
	• LU:LC/UPC			
	• LA:LC/APC			

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

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 (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

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

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

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

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 managemnt 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

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)	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 8units	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

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
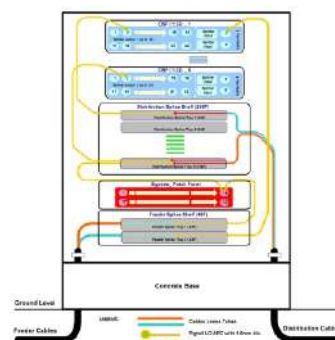- With pedestal, facilitating implementation

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

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)	OSF(optical splitter shelf)	Straight Pass Through	Splice Shelf (Feeder+Distribution)	Door&Access
HD-FDT-384	1550x750x340	2:32F x12pcs	48F(24Fx2Trays)	12Fx36pcs	1xswing front door
HD-FDT-768	1554x1460x364	2:32F x24pcs	96F(24Fx4 Trays)	12Fx72pcs	2xswing front door

Please contact sales department for availability and customization

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 equipemnt 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

Customization event

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

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) x350(H)x140(D)
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40
PLC Splitter Type	Steel Tube 1x8,1x16,1x32
Working Temperature	-20(℃) to +60(℃)
Storage Temperature	-25(℃) to +70(℃)
Relative Humidity	<90%RH
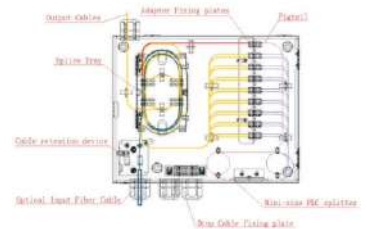
Ordering Information

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 equipemnt 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.
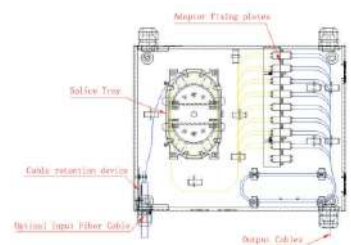
Features
- Wall-mountable installation design
- Integrated with splice cassette and cable management elements
- Manages large quantities of fiber with high density design
- Easy to maintain and extend fibers in the future
- Fiber bend radius control more than 40mm
- PG13.5,PG19,PG21 cable glands suitable 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) x350(H)x140(D) for 12,24,36F
	570(W) x460(H)x130(D) for 48,72F
Strengthen Member Fixation	Yes
Bending Radius(mm)	> 40
Working Temperature	-20(℃) to +60(℃)
Storage Temperature	-25(℃) to +70(℃)
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	**2** **3** Adaptor	**4** Capacity	**5** Pigtail	**6** Body Color
• 01:Cold Rolled Steel	• Nil: No Adaptor	• 12:12F	• 09S:0.9mm Single	• WT:White
• 02:Stainless Steel	• SU:SC/UPC	• 24:24F	• 20S:2.0mm Single	• GY:Gray
	• SA:SC/APC	• 36:36F	• 30S:3.0mm Single	
	• FU:FC/UPC	• 48:48F		
	• FA:FC/APC	• 72:72F		
	• LU:LC/UPC			
	• LA:LC/APC			

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 equipemnt 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) x350(H)x140(D) for 16F
	570(W) x460(H)x130(D) for 32F
Strengthen Member Fixation	Yes
Bending Radius(mm)	>40
PLC Splitter Type	Insertion Modular 1x16,2x16
Working Temperature	-20(℃) to +60(℃)
Storage Temperature	-25(℃) to +70(℃)
Relative Humidity	<90%RH

Ordering Information

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

    1   2   3   4   5   6

1 Body Material	2 3 Adaptor	4 Capacity	5 Pigtail	6 Body Color
• 01:Cold Rolled Steel	• Nil: No Adaptor	• 16:16F	• 09S:0.9mm Single	• WT:White
• 02:Stainless Steel	• SU:SC/UPC	• 32:32F	• 20S:2.0mm Single	• GY:Gray
	• SA:SC/APC		• 30S:3.0mm Single	
	• FU:FC/UPC			
	• FA:FC/APC			
	• LU:LC/UPC			
	• LA:LC/APC			

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

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(℃)		-40~85					
Storage temperature(℃)		-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(℃)		-40~85				
Storage temperature(℃)		-40~85				
Dimension(L×W×H) (mm)		60x7x4	60x7x4	80x12x4	80x20x6	100x40x6

ABS Box Type PLC Splitter
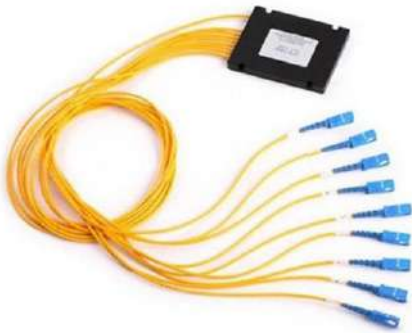
Description

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

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

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(℃)		-40~85					
Storage temperature(℃)		-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(℃)		-40~85					
Storage temperature(℃)		-40~85					
Dimension(L×W×H) (mm)		100x80x10			120x80x18		

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(℃)		-40~85			
Storage temperature(℃)		-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(℃)		-40~85			
Storage temperature(℃)		-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
PLC Splitter

① Channel count
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

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

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(℃)		-40~85					
Storage temperature(℃)		-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	
Pigtail length(m)		1.2(±0.1) or customer specified					
Fiber type		G.657A					
Operation temperature(℃)		-40~85					
Storage temperature(℃)		-40~85					
Dimension(L×W×H) (mm)		130x100x25		130x100x50	130x100x102	130x100x200	

Note: With adaptor increase 0.2dB insertion loss.

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 Type PLC Splitter	① Channel count
	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(℃)		-40~85				
Storage temperature(℃)		-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(℃)		-40~85				
Storage temperature(℃)		-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. 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 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.
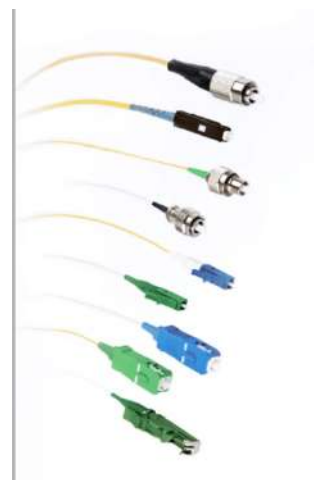
Customization event

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℃
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
S0：G652D	Nil：No Connector	SP：Simplex Core Cable	09：Φ0.9mm	YL：Yellow	0：0m
S1：G657A1	SU：SC/UPC	DP：Duplex Core Cable	14：Φ1.4mm	BU：Blue	. . . .
S2：G657A2	SA：SC/APC		16：Φ1.6mm	OG：Orange	999: 999m
S3：G657B2	FU：FC/UPC		20：Φ2.0mm	BN：Brown	
S4：G657B3	FA：FC/APC		30：Φ3.0mm	GY：Gray	
S5：G655C	LU：LC/UPC			WT：White	
M1：50/125um	LA：LC/APC			RD：Red	
M2：62. 5/125um	EU：E2000/UPC			BK：Black	
M3：OM3	EA：E2000/APC			VI：Violet	
M4：OM4	MU：MU/UPC			PK：Pink	
	DU：DIN/UPC			TUR：Turquoise	
	DA：DIN/APC				
	ST：ST/UPC				
	MFA：MPO/FEMALE/APC				
	MFU：MPO/FEMALE/UPC				
	MMA：MPO/MALE/APC				
	MMU：MPO/MALE/UPC				

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. 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 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.
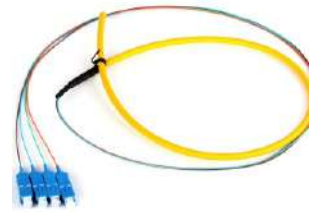
Customization event

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

OBCC - 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
S0:G652D	Nil: No Connector	04:4 Core Cable	09:Φ0.9mm	YL:Yellow	0:0m
S1:G657A1	SU:SC/UPC	06:6 Core Cable	14:Φ1.4mm	BU:Blue	....
S2:G657A2	SA:SC/APC	08:8 Core Cable	16:Φ1.6mm	OG:Orange	999: 999m
S3:G657B2	FU:FC/UPC	12:12 Core Cable	20:Φ2.0mm	BN:Brown	
S4:G657B3	FA:FC/APC	24:24 Core Cable	30:Φ3.0mm	GY:Gray	
S5:G655C	LU:LC/UPC			WT:White	
M1:50/125um	LA:LC/APC			RD:Red	
M2:62. 5/125um	EU:E2000/UPC			BK:Black	
M3:OM3	EA:E2000/APC			VI:Violet	
M4:OM4	MU:MU/UPC			PK:Pink	
	DU:DIN/UPC			TUR:Turquoise	
	DA:DIN/APC				
	ST:ST/UPC				

Fiber Ribbon Fanout Cable

Ribbon fanout pigtails are designed to glue several single cores pigtails into one ribbon jacket to achieve the high density cabling 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 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.

Customization event

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

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	2 3 Connector	4 Cable count	5 Fanout Length	6 Cable color	7 Cable length
S0 : G652D	Nil : No Connector	04 : 4 Core Cable	0 : 0m	YL : Yellow	0 : 0m
S1 : G657A1	SU : SC/UPC	06 : 6 Core Cable	....	BU : Blue	....
S2 : G657A2	SA : SC/APC	08 : 8 Core Cable	999: 999m	OG : Orange	999: 999m
S3 : G657B2	FU : FC/UPC	12 : 12 Core Cable		BN : Brown	
S4 : G657B3	FA : FC/APC			GY : Gray	
S5 : G655C	LU : LC/UPC			WT : White	
M1 : 50/125um	LA : LC/APC			RD : Red	
M2 : 62.5/125um	EU : E2000/UPC			BK : Black	
M3 : OM3	EA : E2000/APC			VI : Violet	
M4 : OM4	MU : MU/UPC			PK : Pink	
	DU : DIN/UPC			TUR : Turquoise	
	DA : DIN/APC				
	ST : ST/UPC				

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.

Customization event

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

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

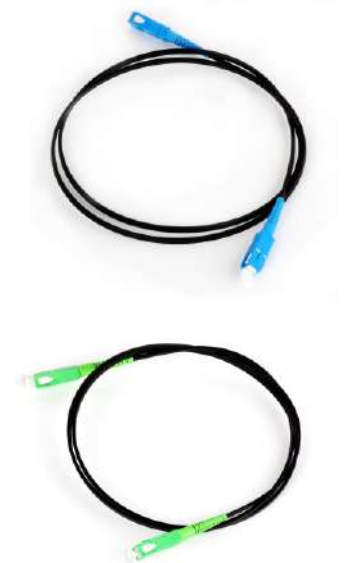OBOC - XX - XX - XX - XXX - XX - XX - XXX
        1   2   3   4   5   6   7

1 Fiber type	2 3 Connector	4 Cable count	5 Cable diameter	6 Cable color	7 Cable length
S0: G652D	Nil: No Connector	04: 4 Core Cable	09: Φ0.9mm	YL: Yellow	0: 0m
S1: G657A1	SU: SC/UPC	06: 6 Core Cable	14: Φ1.4mm	BU: Blue	. . . .
S2: G657A2	SA: SC/APC	08: 8 Core Cable	16: Φ1.6mm	OG: Orange	999: 999m
S3: G657B2	FU: FC/UPC	12: 12 Core Cable	20: Φ2.0mm	BN: Brown	
S4: G657B3	FA: FC/APC	24: 24 Core Cable	30: Φ3.0mm	GY: Gray	
S5: G655C	LU: LC/UPC			WT: White	
M1: 50/125um	LA: LC/APC			RD: Red	
M2: 62.5/125um	EU: E2000/UPC			BK: Black	
M3: OM3	EA: E2000/APC			VI: Violet	
M4: OM4	MU: MU/UPC			PK: Pink	
	DU: DIN/UPC			TUR: Turquoise	
	DA: DIN/APC				
	ST: ST/UPC				

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.

Customization event

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

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	2　3　Connector	4　Cable type	5　Strengthen Member	6　Cable color	7　Cable length
S0: G652D	Nil: No Connector	SP: Simplex Core Cable	SW: Steel Wire	YL: Yellow	0: 0m
S1: G657A1	SU: SC／UPC	DP: Duplex Core Cable	KFRP: Kevlar Fiber Reinforced Plastic	BU: Blue	. . . .
S2: G657A2	SA: SC／APC		GFRP: Glass Fiber Reinforced Plastic	OG: Orange	999: 999m
S3: G657B2	FU: FC／UPC			BN: Brown	
S4: G657B3	FA: FC／APC			GY: Gray	
S5: G655C	LU: LC／UPC			WT: White	
M1: 50／125um	LA: LC／APC			RD: Red	
M2: 62.5／125um				BK: Black	
M3: OM3				VI: Violet	
M4: OM4				PK: Pink	
				TUR: Turquoise	

Fiber MPO Pigtail and Patchcord

MPO Pigtail and patch-cord is the world leanding technology high density solution for telecom central office and data center. Varies 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
- 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
- MFA: MPO/FEMALE/APC
- MFU: MPO/FEMALE/UPC
- MMA: MPO/MALE/APC
- MMU: MPO/MALE/UPC

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

5 Cable diameter
- 09: Φ0.9mm
- 14: Φ1.4mm
- 16: Φ1.6mm
- 20: Φ2.0mm
- 30: Φ3.0mm

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
- . . . .
- 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

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

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, 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

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

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

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

Hybrid adaptor,
SC & LC UPC,
simplex, rectangle shape,
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

Description

Hybrid adaptor,
SC & ST UPC,
simplex, rectangle shape,
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

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

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℃
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

Bulkhead attenuator

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

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 wildly 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, 200 x 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	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7
Place drop cable through dust cap	Strip the drop cable by 5cm	Strip the coating fiber	Clean the coating fiber	Cleave fiber with spacer	Insert fiber to the buttom of FAOC body	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 effciency 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.

Description

Splice On Connector,SC/UPC,SM Type

Description

Splice On Connector,SC/UPC,SM Type

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

Description

Splice On Connector,SC/APC,SM Type

Field Installable Fusion Splice-on Connector

|	
Connector type	SC
Polishing type	UPC or APC
Suitable fiber type	SM 9/125um
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/APC,SM Type

Fiber Optical Connector
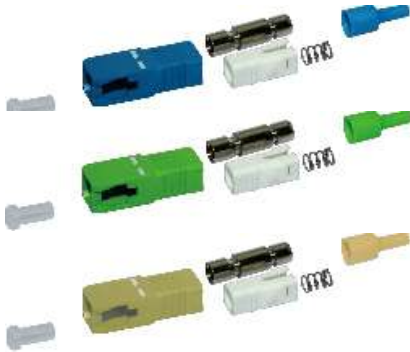
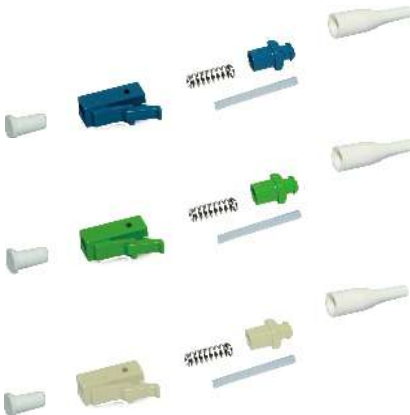| SC 0.9mm Connector	SC 2.0mm Connector	SC 3.0mm Connector
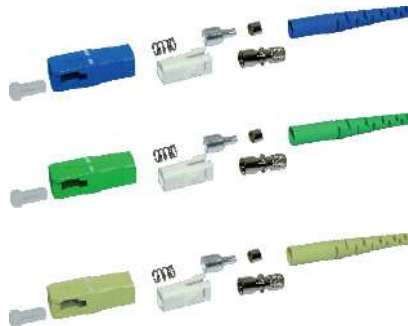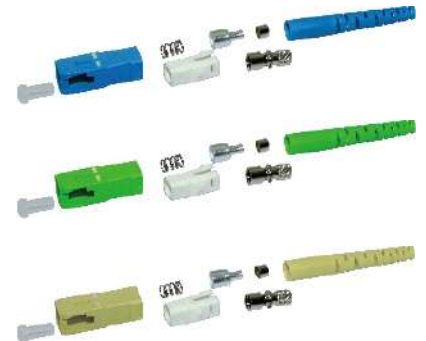
FC 0.9mm Connector	FC 2.0mm Connector	FC 3.0mm Connector

LC 0.9mm Connector	LC 2.0mm Connector	LC 3.0mm Connector
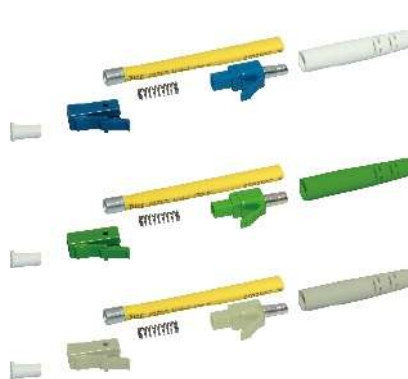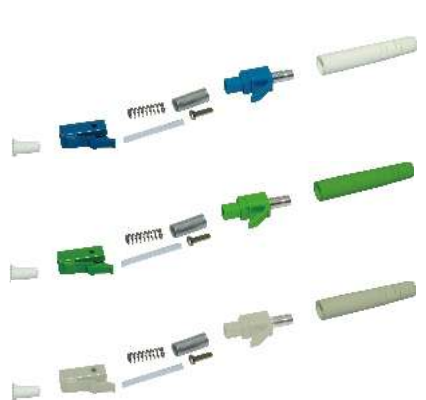
SC Connector For Drop Cable	LC Duplex Connector

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

Certificates

ISO 9001

TLC Management System

TLC Fiber Connector

TLC Fiber Splice Closure

TLC Fiber Distribution Cabinet

TLC Fiber Termination Box

TLC Fiber Distribution Hub

TLC Fiber PLC Splitter

Exhibitions

OFC in USA

ECOC in Europe
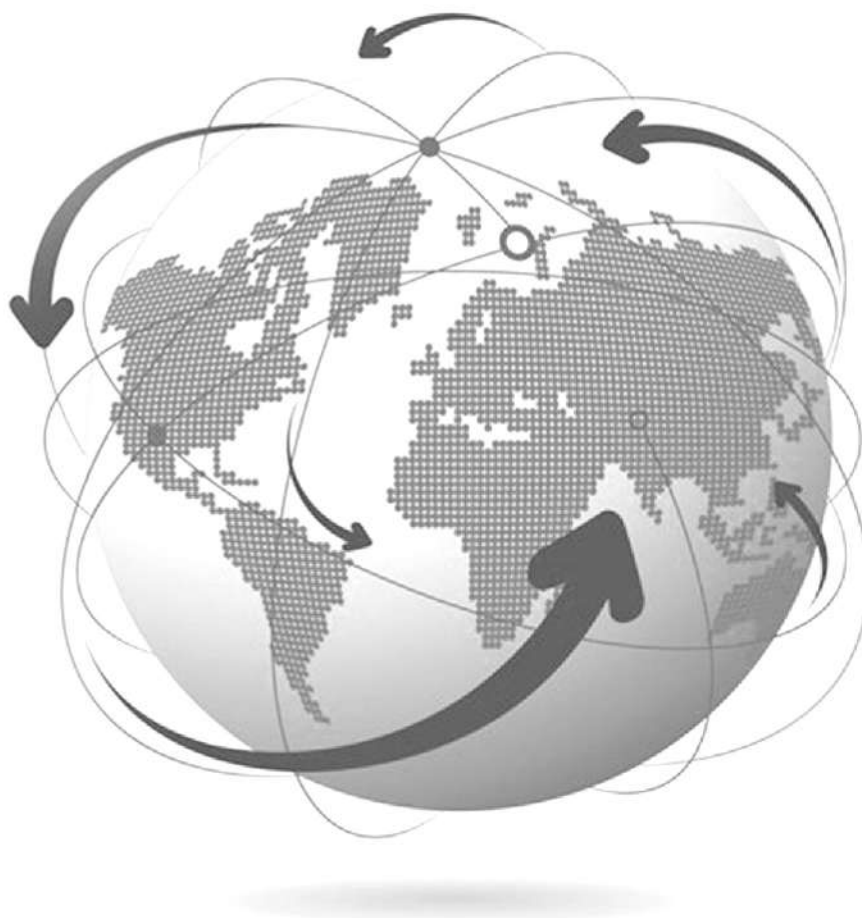

GITEK in UAE

CommunicAsia in Singapore

SVIAZ/EXPO COMM in Russia

ICT EXPO COMM Indonesia

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ODF | FDH | FDT | Patchcord | PLC Splitter | Adaptor | FAOC | SOC