2026

PRODUCT
CATALOG

TAG INC.
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"Where innovation becomes reality."

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CONNECTORS

MTP   Multi fiber termination push on connector

The MTP is a multi-innovative, high-performance fiber optic connector that has enhanced optical and mechanical performance. MTP connectors are engineered for high mechanical and optical specs.

LC   Lucent Connector

LC connectors are compact size, combined with its secure latching feature, has made it popular in data centers and telecom switching centers where efficient use of space is crucial.

OPTI-TAP

The Opti-Tap connector is specifically designed for quick deployment of drop cables from multiport to the house in field settings. Its design provides superior durability and reliability in the drop segment of the network.

SC   Subscriber connector

These connectors are designed to snap into place by a locking mechanism that attaches with a straightforward push-pull motion. They are a cost-effective and long-lasting choice, capable of enduring 1,000 mating cycles. The SC connector comes in both simplex and duplex.

CS

The CS connector allows you to double the density in patch panels compared to an LC duplex. It offers the ability to add more room for cable management as well as better airflow within a rack. The unique push-pull tab allows for better usability in high-density applications.

ST   Straight tip connector

These connectors feature a bayonet-style twist lock mechanism and are both affordable and simple to install. While still utilized in industrial and military settings, ST connectors have largely been substituted by smaller form factors in other applications.

ISP FIBERS

Indoor Fiber Optic Cable Product Types

- Single mode-Multimode: OM3, OM4, OMS
- Riser-Plenum Fire Rated
- Tight Buffered Fiber 1 - Fiber Simplex Indoor Cable-Riser-Plenum
- Tight Buffered Fiber 2 - Fiber Zip Duplex Indoor Cable-Riser-Plenum
- Multi-Purpose Distribution Cable
- Multi Purpose Break-Out Cable
- Multi-Purpose Micro Small OD LT Cable
- Optical Fiber Optic/ Electrical Composite Cable
- Optical Fiber Pigtail Optical Fiber Trunk Cable

Indoor Fiber Optic Interlocking Armored Cable Product Types

- Riser-Plenum Fire Rated
- Tight Buffered Fiber 1-Fiber Zip Simplex Indoor Cable-Riser-Plenum
- Tight Buffered Fiber 2-Fiber Zip Duplex Indoor Cable-Riser-Plenum
- Multi-Purpose Distribution Cable
- Multi-Purpose Break-Out Cable
- Multi-Purpose Micro Small OD LT Cable
- Optical Fiber Optic/ Electrical Composite Cable
- Optical Fiber Pigtail/ Optical Fiber Trunk Cable

MTP-SC Breakout
PA# *FX4521E01A3DXXXY*

LC-LC MM Uniboot
PA# *FX1414E02A1CXXXY*

OSP FIBERS

Outdoor fiber optic cable applications are engineered to withstand the more extreme conditions seen outside, from environmental to mechanical forces. These are the type of cables you see strung along telephone poles (aerial), installed inside an underground duct, or even buried directly below ground. Therefore, outdoor cables feature rugged constructions to resist ultra-violet light and temperature fluctuations and may include features to withstand the requirements of outdoor installation.

Outdoor Fiber Optical Cable Types

- Uni-tube Light-armored Cable-GYXTW
- Uni-tube Non-metallic Micro Cable-JET
- Uni-tube Non-armored Cable-GYXY
- Stranded Loose Tube Cable with Steel Tape GYTS
- Stranded Loose Tube Cable with APL-GYT
- Stranded Loose Tube One-armored Cable with Double Sheath
- Stranded Loose Tube Two-armored Cable with Double Sheath
- Figure 8 Cable-GYTCBS
- ADSS Cable
- FTTH Cable
- FTTH Indoor Cable
- FTTH Drop Cable
- FTTH Outdoor Cable

FIBER CABLES
Single mode

MTP to MTP

MTP(F)-MTP(F)-OM4
Plenum(OFNP)Type B
PN# *FX5050E01X3BXY*

Specifications:

Connector Type:	MTP to MTP
Fiber Type:	SM
Fiber count:	12 fibers
Outer Jacket diameter:	3.00 mm
Polish type:	APC
Insertion /Return loss:	0.35 dB/ 60 dB
Operating temperature:	-40ºC to +B0ºC

MTP to Multi-LC Break Out

Specifications:

Connector Type:	MTP to LC
Fiber Type:	SM
Fiber count:	12 fibers
Outer Jacket diameter:	3.00 mm
Polish type:	UPC
Insertion /Return loss:	0.35 dB/ 55 dB
Operating temperature:	-40ºC to +B0ºC

MTP(F)-LCD SM, OFNP
4x10 MPO Breakout
PA# FX4802C01Y3D18XXXY

LC to LC Jumper

LC-LC SM Duplex ,2mm Zip , OM4, plenum
PA # *FX0202C01X1C0XXY*

Specifications:

Connector Type:	LC to LC
Fiber Type:	SM
Fiber count:	3 fibers
Outer Jacket diameter:	2.00 mm
Polish type:	APC/UPC
Insertion /Return loss:	0.20 dB/ 60 dB
Operating temperature:	-40ºC to +80ºC

FIBER CABLES
Single mode

Single mode LC to LC Pre-terminated Trunk Cables

LC to LC pre-terminated trunk cables are designed to provide high-speed connectivity over longer distances with minimal loss. They are made up of high-quality fiber optic cables with connectors pre-attached at both ends, ensuring maximum performance and reliability.

Specifications:	
Connector Type:	LC to LC
Fiber Type:	SM or MM
Fiber count:	2-24 fibers
Jacket material:	PVC or LSZH

SM Pigtail trunk cable
PA# FX17XXC30CC75XXF

SC/APC to SC/APC Jumper Cables

These jumper cables are designed to provide a stable and reliable connection between SC/APC fiber optic connectors. They are made of high-quality optical fiber cables with a connector pre-attached at each end, ensuring maximum performance and reliability.

Specifications:	
Connector Type:	SC/APC to SC/APC
Fiber Type:	SM or MM
Fiber count:	2 fibers
Jacket material:	PVC or LSZH

SC APC-SC APC LSZH
PA# FX2424C30X1SXY

LC to LC 900um Pigtail Cables

These pigtail cables are designed for use in high-data-rate and long-haul applications. They are made of high-quality optical fibers with a connector pre attached at one end, allowing easy termination to a patch panel or other fiber optic equipment.

Specifications:	
Connector Type:	LC
Fiber Type:	SM or MM
Fiber count:	1 fiber
Jacket material:	PVC or LSZH

LC BTW-PIGTAIL, SM, RISER, 900UM
PA# FX06XXC02CCSXXY

FIBER CABLES

OM4 MTP to MTP Trunk

These cables are used in high-density data center cabling, backbone cabling, patching between racks, and other high-speed applications

Specifications:

Connector Type:	MTP (F)- MTP(F)
Fiber Type:	OM4
Fiber Count:	24 fibers
Cable Type:	Plenum or Riser
Length:	1m-100m

MTP(F)-MTP(F) OFNP, OM4 AQUA
Method B
PA# FX4646E01A3BXF

OM4 LC to LC Jumper Cables

These cables are used in connecting switches, servers, and other network equipment in data centers and other high-speed applications.

Specifications:

Connector Type:	OM4
Fiber Type:	LC to LC
Cable Type:	Plenum or Riser
Length:	1m=30m

LCD-LCD MM
PA# FX0101E02A1CXXY

OM4 MTP to Multi LC Cables

These cables are used in high-density data center cabling, backbone cabling, patching between MTP and LC cabling systems, and other high-speed applications

Specifications:

Connector Type:	OM4
Fiber Type:	MTP (F)- to LC Quad
Cable Type:	Plenum or Riser
Length:	1m=100m

MTP(F)-LCD-OM4, Plenum (OFNP)
Breakout (40Gb)
PA# FX4601E01X1D18XXY

CABLE ASSEMBLIES

Our fibers are made to order by using our custom configurator. If you have a cable construction and want to build a part number, use the following steps 1-9. Please utilize the tables on the following page. Contact our sales team for additional configurations and pricing.

	Fiber count	Connector 1 & 2	Fiber rate	Jacket rating	Color	Jacket size	Polarity	Breakout	Assembly length	
F	□	□ □	□	□	□	□	□	□	□	F
	1	2	3	4	5	6	7	8	9	

Ordering examples

24F, MTP(F)-MTP(F)-OM4, Plenum(OFNP), Type B, 25FT

F 2 5050 E 01 Y 3 B 25 F

1 **2** **3** **4** **5** **6** **7** **8** **9**

1 2= Fiber count

2 MTP 24 (F)- MTP 24 (F) = Connector type

3 E= OM4 Fiber rate

4 01 = Plenum Jacket rating

5 Y= Yellow color

6 3= 3.0 mm Jacket size

7 B=Method B Polarity

8 No break out

9 25 ft= Assembly length

144F, LC APC-Pigtail, OSP, LT, B/O 18", F/O 36" 900um Color Code,100FT

F 144 17 XX C 30 CC 7 B 36 100 F

1 **2** **3** **4** **5** **6** **7** **8** **9**

1 2= Fiber count

2 17 XX=LC APC Simplex pigtail = Connector type

3 C= 8.3 SMF-28 E fiber rate

4 30 = LTOSP Jacket rating

5 CC= Color code

6 7= 900 uM Buffer Jacket size

7 S=Straight polarity

8 36 inches = break out

9 100 ft= Assembly length

REFERENCE TABLE

1 Fiber count

04–288 Fibers

2 Connector type 1 & 2

Select connector code based on the type of adaptor used at the patch and the electronic interface connector. The connector and the adapter must be compatible for the correct connection. (Always use the lowest code first when constructing the part number.)

Multi mode	Single mode	Pigtail
01= LC Duplex	04= LC Simplex	XX
03= LC Simplex	10= LC Duplex	
11 =LC Duplex 1.2 mm	16 =LC APC Duplex	
13=LC Uniboot	17= LC APC Simplex	
15 =LC APC Duplex	14= LC Uni boot	
21= SC Simplex	24= SC Simplex	

3 Fiber rate

C=8.3 SMF 28E
E=50LL50

4 Jacket rating

01=TB Plenum
02=TB Riser
07=LT Plenum
08=LT Riser in/outdoor
30=ALTOS Loose Tube Outdoor Armor
31=ALTOS Loose Tube Armor

5 Color

A= Aqua	PK= Pink
B=Blue	R=Red
BN=Brown	S=Slate
CC= Color code	V=Violet
K=Black	W=White
O=Orange	Y=Yellow
G=Green	

6 Jacket size

1=2.00 mm	7=900.0 uM buffer
2=2.4 mm	8=2250 uM buffer
3=3.00mm	9=1.2mm

7 Polarity

S=Straight	C=Method C
C=Crossed	N=None
A=Method A	E=T568B
B= Method B	F=T568A

8 Breakout (inches)

9 Assembly length

001-999

ENCLOSURES

High Density 2RU Rack Mount

PA # PHD-2U

FHD 2U rack mount slide-out fiber enclosure, which can house 8pcs FHD series MTP modular cassettes or fiber adapter panels. It provides high density flexible system to maximize rack space utilization and minimize floor space.

High Performance

- Up to 192 fibers in 2U space
- Compliant with TIA/EIA-568-C.3
- Compliant with RoHS

Robust Construction

- Made of SPCC steel, solid and durable
- See through acrylic window for maximum visibility.
- Parallel sliding-drawer for easy cable management

Installation & Application

- Distance between the cabinet door should be more than 3.47 inches
- Holdup to 8pcsFHD series cassettes or FAPs
- Mount to standard EIA 19" rack rail

ENCLOSURES

High Density 4RU Rack Mount

PA # PHD-4U

FHD 4U rack mount slide-out fiber enclosure, which can house 12pcs FHD series MTP modular cassettes or fiber adapter panels. It is ideal for fast, flexible and reliable patch field solutions within main, horizontal and equipment distribution areas (MDA, HDA and EDA).

High Performance

- Up to 288 fibers in 4U space
- Compliant with TIA/EIA-568-C.3
- Compliant with RoHS

Robust Construction

- Made of SPCC steel, solid and durable
- See-through acrylic window for maximum visibility
- Sliding drawer and bend radius post
- Bend radius posts help cable management

Installation & Application

- Distance between the cabinet door should be more than 4.88 inches
- Holdup to 12pcsFHD series cassettes or FAPs
- Mount to standard EIA 19" rack rail

ENCLOSURES

Closet Connector Housing (CCH)

CCH-01U

CCH-04U

CCH-01U

CCH-04U

TAG offers closet connector housing panels (CCH-CP) with different fiber counts. These panels are designed to be used with LANscape® solutions hardware products, providing a versatile solution that can be used in various settings. Whether used with factory-installed or field-installable connectors, these panels offer interconnect or cross-connect capability within a housing. They can be used in main cross-connects, intermediate cross-connects, telecommunication rooms, or work areas. Additionally, the CCH-CP panels are compatible with a variety of industry-standard adapter types, making it easy to securely connect two connectors. These panels support both multimode and single-mode applications, providing flexibility for different network requirements.

- Interconnect and cross-connect capability
- Removable, translucent top covers (1U, 2U, 3U), removable rear cover (4U)
- Visibility and ease of access for installation, testing, and troubleshooting
- Internal and external strain-relief options
- Flexibility for installation and moves, adds, and changes (MACs)
- Accepts panels, modules, and cassettes Variety of field-termination options.
- Adaptable to use as a modular splice housing Splices are stored and protected in same footprint

Closet Connector Housing (CCH) Panel, LC adapters, Duplex Shuttered, UPC, 24 F, Single-mode (OS2)

Closet Connector Housing (CCH) Panel, LC adapters, Duplex Shuttered, UPC, 24 F, Single-mode (OS2)

ENCLOSURES
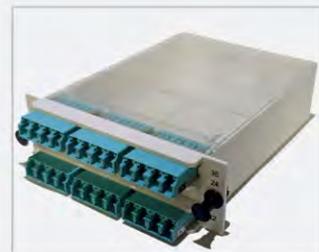
High Density Cassettes

PA # CHD- XX

SPECIAL FEATURE | Clear cassettes

The High-Density Series Cassettes are fully compatible with any LGX patch panel available in the industry. Each cassette is equipped with pre-terminated LC or SC adapters for quick and easy deployment in high density applications. It provides efficient utilization of rack space and design flexibility, as well as a superior MTP variant known as the MTP Elite. The MTP Elite was developed by US Conec that offers enhanced performance. This connector ensures that insertion loss is kept to an absolute minimum, enabling additional connections to be made within a link without any significant loss in performance.

The high-density fiber cassettes that feature 24 fiber LC connectors are designed with Quad LC adapter bodies, which offer a more reliable connection due to their larger size.
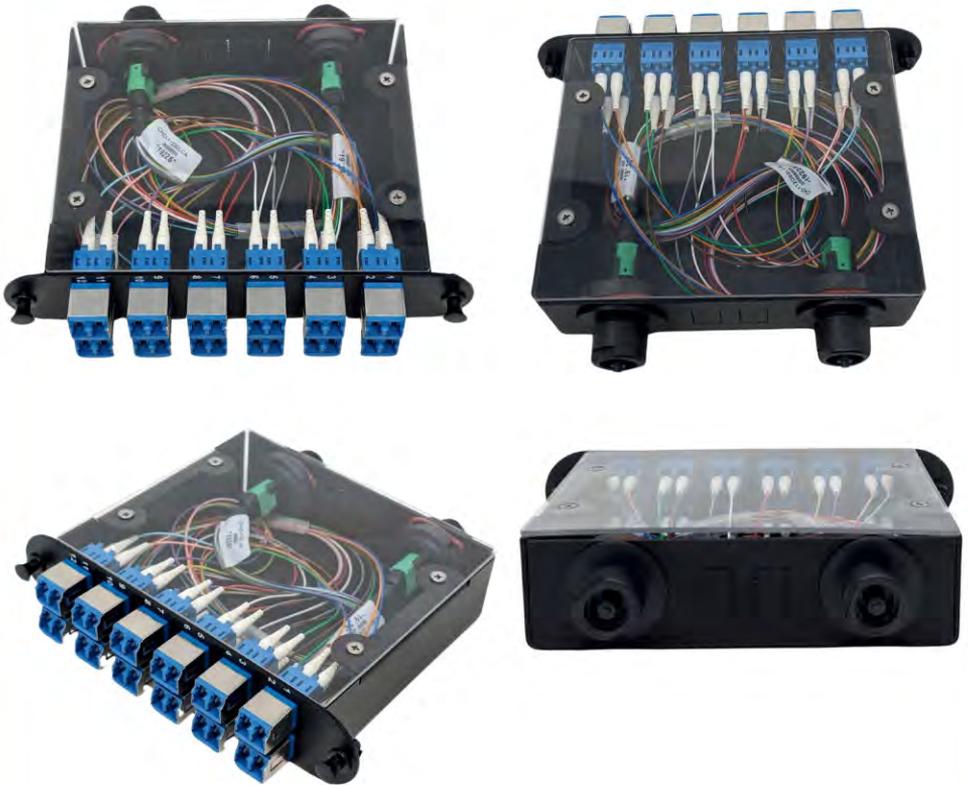
ENCLOSURES

Hardened Opti-Tip Connecter Cassettes

PA # CHD-XXX

Conquer the harsh besieging OSP fiber optic connections with our complete Opti-Tip system. Opti- Tip cables supply hardened connections that protect your fiber optic network from destructive environment. Our Opti-tip plug and play cassettes are Corning compliant that features a clear cover with LC internal shutter adapters and are ready to be installed.
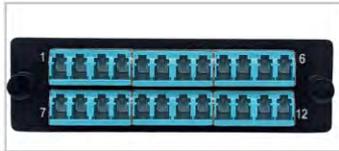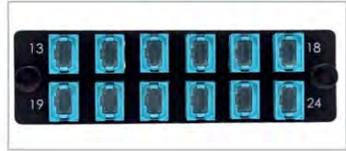
ENCLOSURES

Adapter Plates

PA # IHD-XXX

Adapter Plates are specifically engineered to accommodate individual mating sleeves or fiber optic adapters. These adapter plates are commonly installed within fiber optic enclosures and patch panels. They are available in various configurations, encompassing different connector types, fiber types, port density, and colors. Typically, these plates are designed to accommodate 6, 8, 12, or 24 total fibers. Our adapter plates use an industry standard 'LGX' footprint, which are installable within any OEM equipment that also uses an 'LGX' compatible footprint.

Adapter plates are available in all connector types and fit all modular wall and rack mounted TAG enclosures.
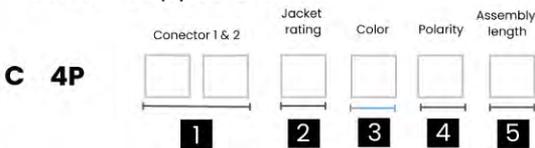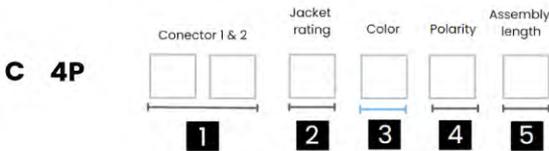
COPPER CABLES

CAT 6 patch cord (copper cable)

T568A Copper Cables

		Conector 1 & 2	Jacket rating	Color	Polarity	Assembly length
C	4P					
		1	**2**	**3**	**4**	**5**

T568B Copper Cables

		Conector 1 & 2	Jacket rating	Color	Polarity	Assembly length
C	4P					
		1	**2**	**3**	**4**	**5**

ACCESSORIES

Fiber Breakout Kit