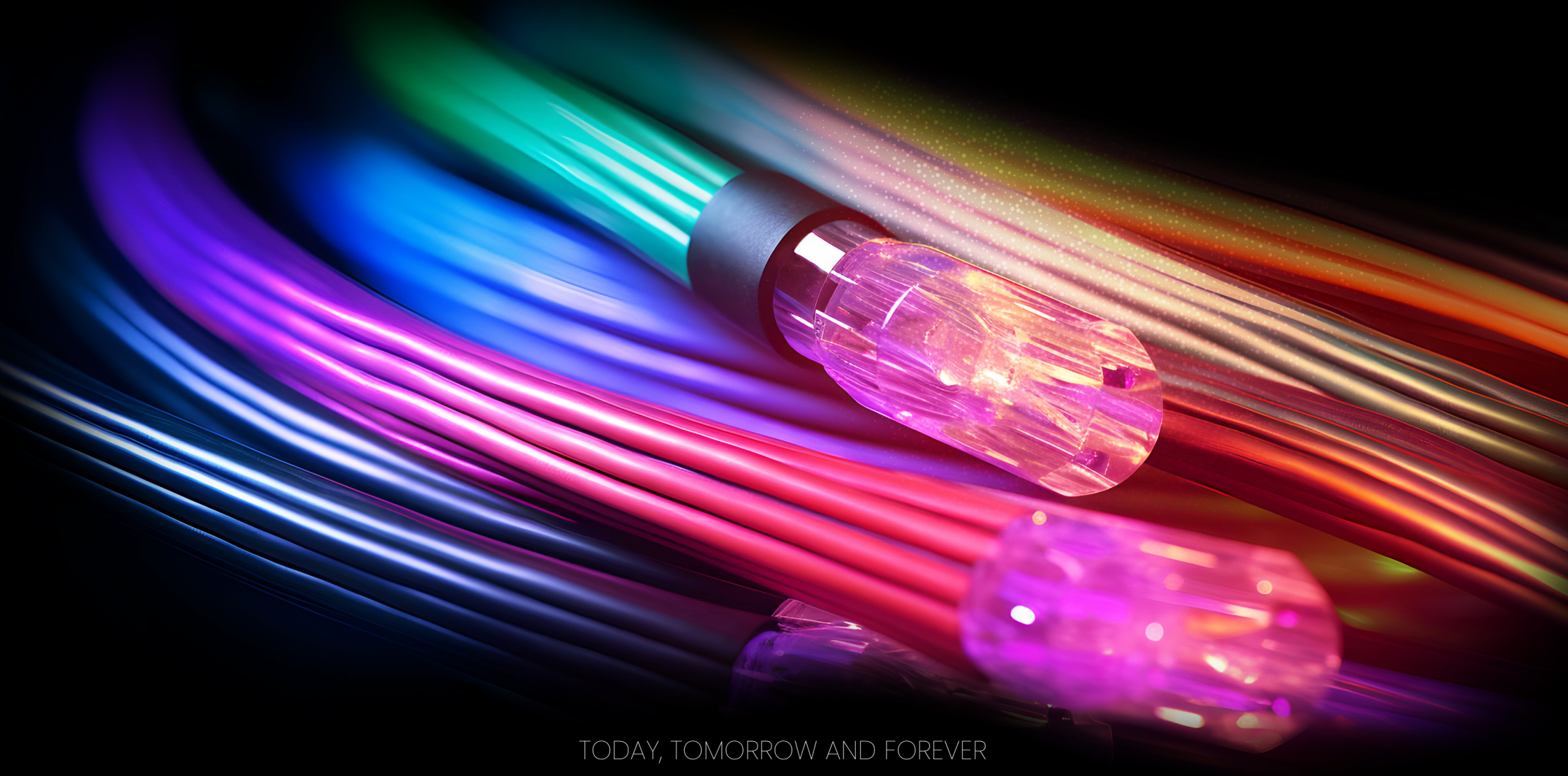




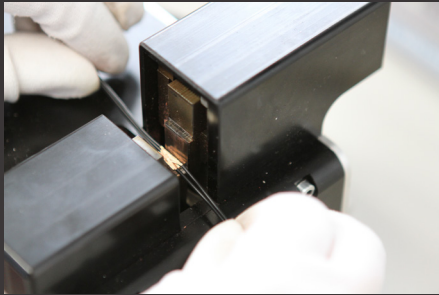
TTAF[®] | TELECOMMUNICATION
CABLING SYSTEMS



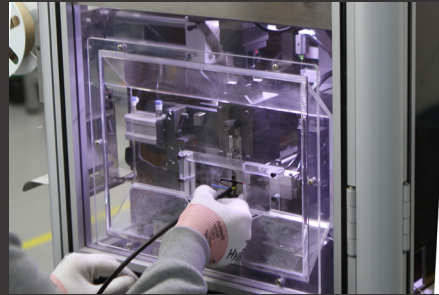
TODAY, TOMORROW AND FOREVER



PRODUCTION CAPABILITIES



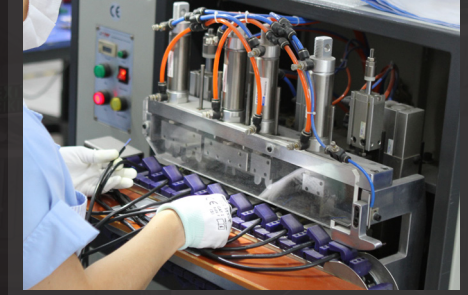
Ultrasonic Welding



Sealed Terminal Crimping



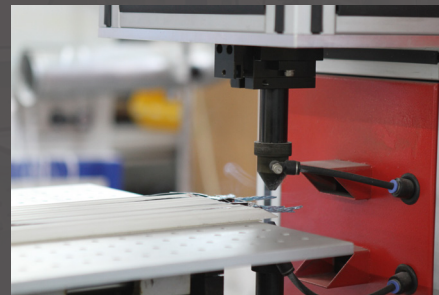
Automatic Cable Cutting
Terminal Crimping



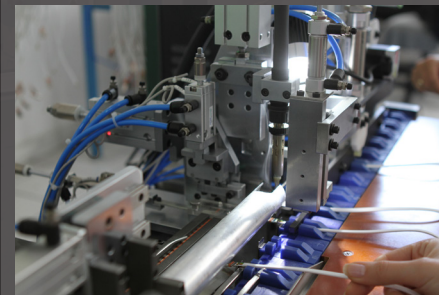
Outer Sheath Stripping



RJ45 Model Plug's
Terminal Inserting Machine



Laser Shield Cleaning



USB 2.0 Automatic Soldering



USB 3.0 Automatic Soldering



Automatic Cable
Winding



Laser Cutting



T PCB Soldering



RJ45 Connector
Crimping



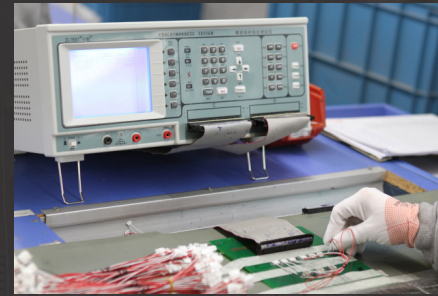
TEST CAPABILITIES



Pressure Test Tank
(EN 60529 IP Test)



Humidity And
Temperature Test



Electrical Test



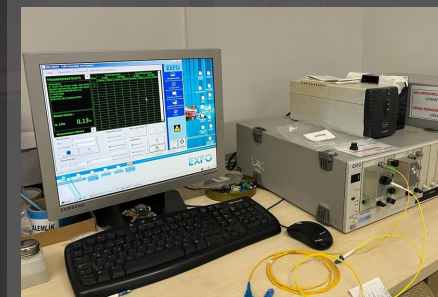
Water Spray Test
(EN 60529 IP TEST)



Sand And Dust Test
(EN 60529 IP TEST)



Push And Pull Test



Fiber Optic Digital Test



UV Test Cabinet



Cable Bending Test



Cable Bending Test



Visual Measurement
System

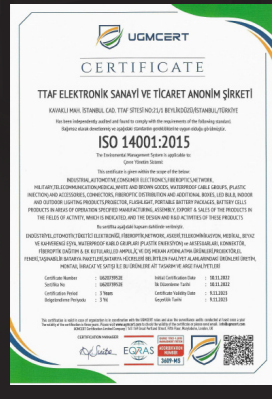
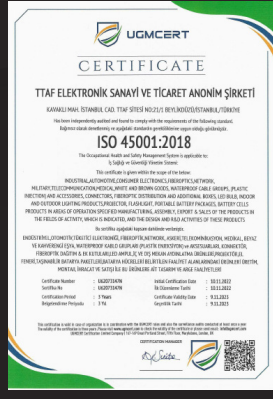
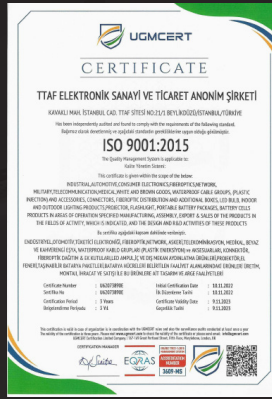


Terminal Pull Test



QUALITY STANDARDS

Our company is certified according to; ISO 9001:2015 Quality, ISO 14001:2015 Environment, ISO 45001:2018 Occupational Health and Safety Management Systems Standards.





TELECOMMUNICATION & CABLING SYSTEM

Fiber Optic



Copper Wire Cable

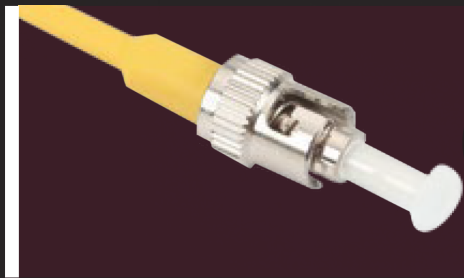




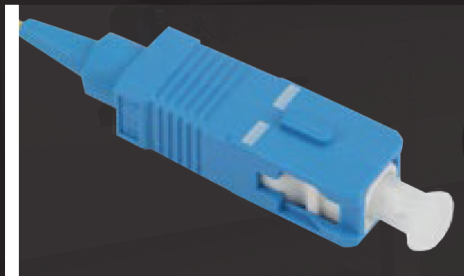
PIGTAILS

Networks including Ethernet, Fast Ethernet and GBE

- > Internal inter-connect.
- > Ideal for a wide range of telecom, datacom and process control applications where ruggedisation is required.
- > Suitable for repeated handling in patch panels and racks.



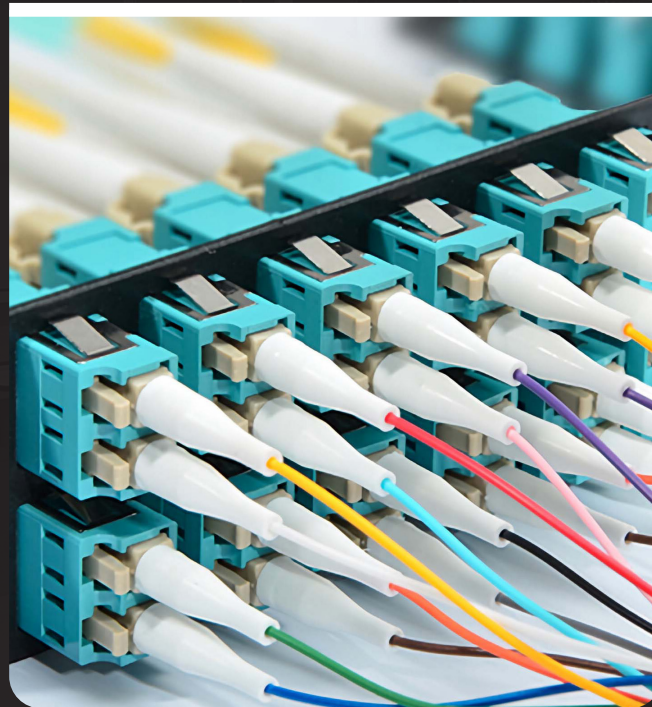
ST



SC



LC



UL 94
V-0

Low
Ins.
loss

High
quality

LS
ZH

MU



MTRJ



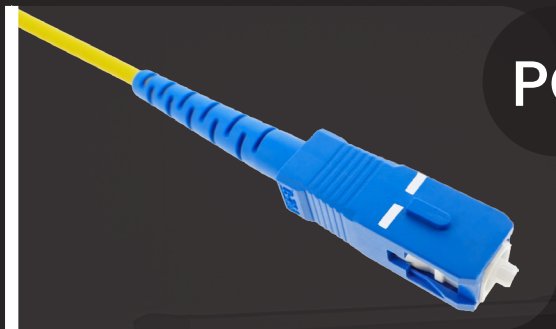
FC



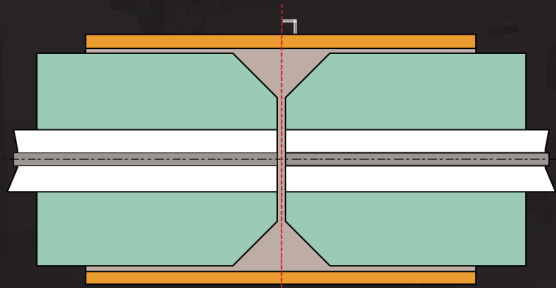


PATCHCORDS

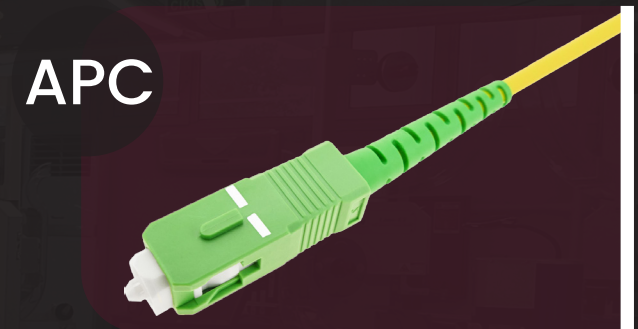
TTAF perfected fiber optic patchcords to the following connectors: SC, LC, FC, ST, E2000.
TTAF is a leading supplier of advanced fiber optic components.
Our extensive product offering includes a full range of solutions including.
Connectors and Adapters, Assemblies, Termination Kit sand Tooling.



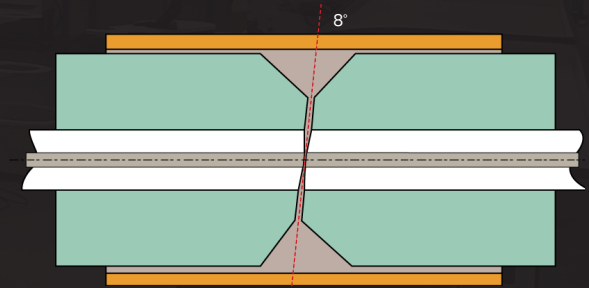
PC



■ PC - Physical Contact



APC

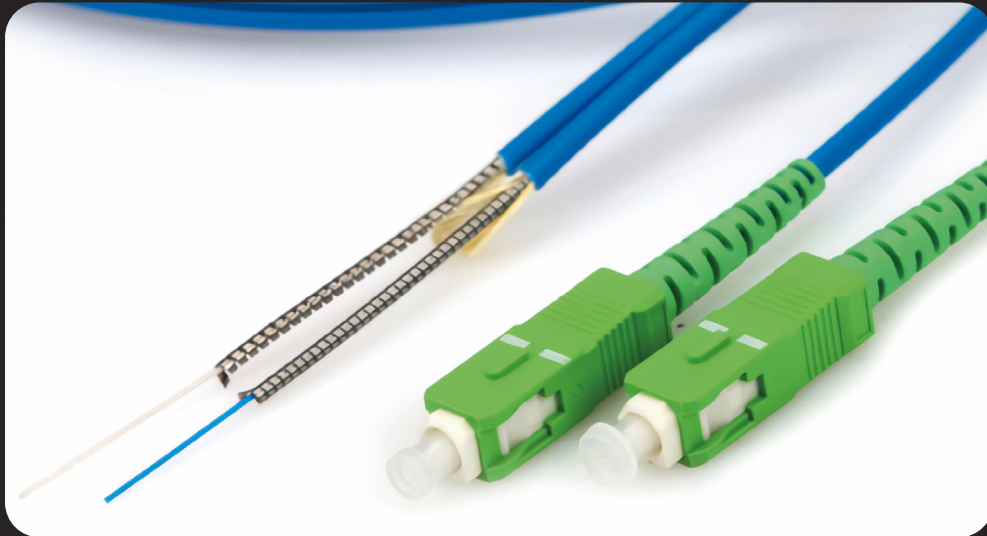


■ APC - Angled Physical Contact
■ The **angle** reduces the backreflection of the connection.





PATCHCORDS



Features:

- Manufactured by armoured optical cable, flexible metal tube protect the Fiber Optic.
- High press resistant strength, stamp Resistant and anti bite of rat ant.
- Small diameter, bend resistant and Optimum flexible.
- Aramid yarn reinforced optical cable has superior elongate resistant, and secured and reliable when connect it with fiber optic connector.
- Indoor, no need for using protection conduct, and convenient for network.

Optical Performance:

Type	Single Mode (APC polish)	Multimode (PC /Flat Polish)
Insertion Loss	≤ 0.2 db	≤ 0.2 db
Return Loss	PC > 45 dB UPC > 55 dB APC > 65 dB	UPC > 55 dB
Repeatability	≤ 0.1 db	≤ 0.1 db
Durability	≤ 0.2 dB	≤ 0.2 dB
Interchangeability	≤ 0.1 dB	≤ 0.1 dB
Tensile Strenght	> 15 kg	> 15 kg
Operating Temperature	-40 °C to 85 °C	-40 °C to 85 °C
Storage Temperature	-40 °C to 85 °C	-40 °C to 85 °C



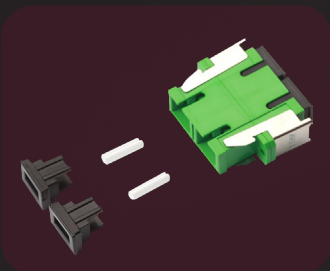


ADAPTERS

TTAF fiber optic adapters have a name for its stability, they provide reliable solution for fiber connections. TTAF adapters high quality raw materials and make these fiber optic adapters stricly according to international standart, this makes our fiber optic adaptors fully compatible with leading product on local market.



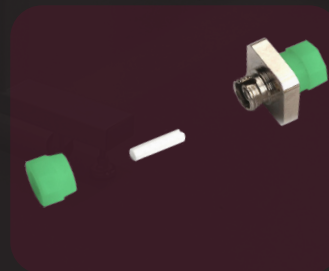
SC ADAPTERS



LC ADAPTERS



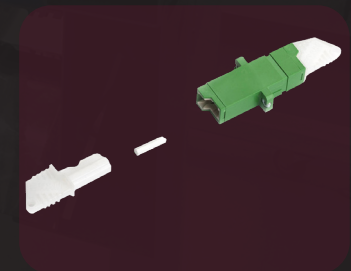
FC ADAPTERS



ST ADAPTERS



E2000



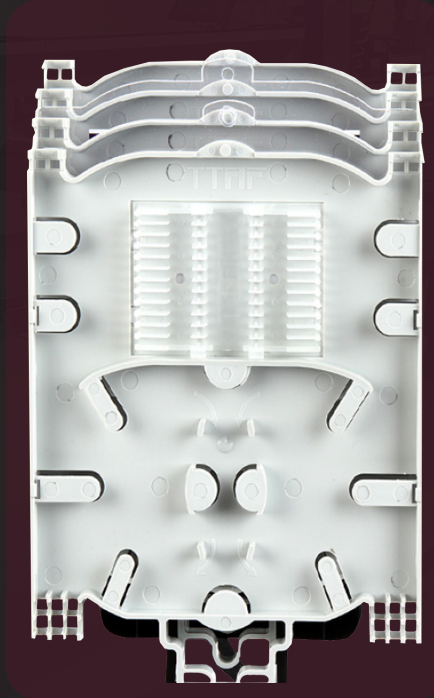
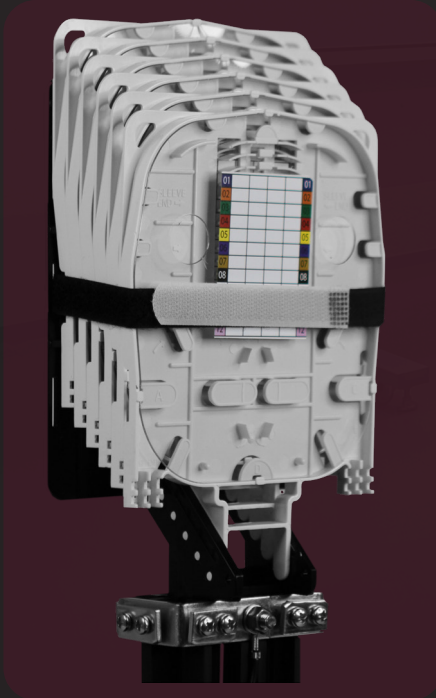


FIBER OPTIC ENCLOSURES

TTAF's Splice Closure Sealed Fiber Distribution Closure is a compact and flexible closure that provides secure connections between fiber optic cables. Our closure solutions can be mounted to support aerial, buried and underground applications and provides reliable sealing performance.

Fiber splicing point protected in a ribbed polypropylene dome that has high mechanical and environmental features. With its variable entry ports, the closure is applicable to in-line or mid-span branching method. The unique design of TTAF's splice closures supports the needs of discrete and varied deployment options and provides for rapid network installation and service.

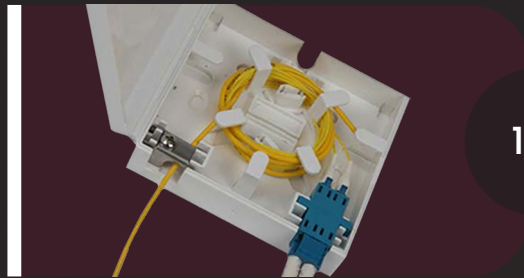
Leading Product On Local Market





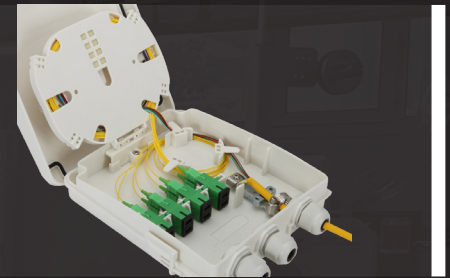
PLASTIC ODB BOXES

TTAF's outdoor fiber wall mount distribution boxes are designed to offer the most flexible solution for all FTTx networks. Suited to the pole or wall mounting the all in one flexible distribution box is the ideal.

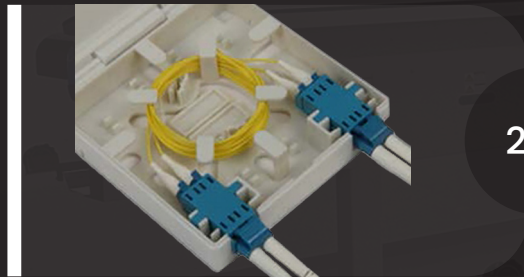


1/2

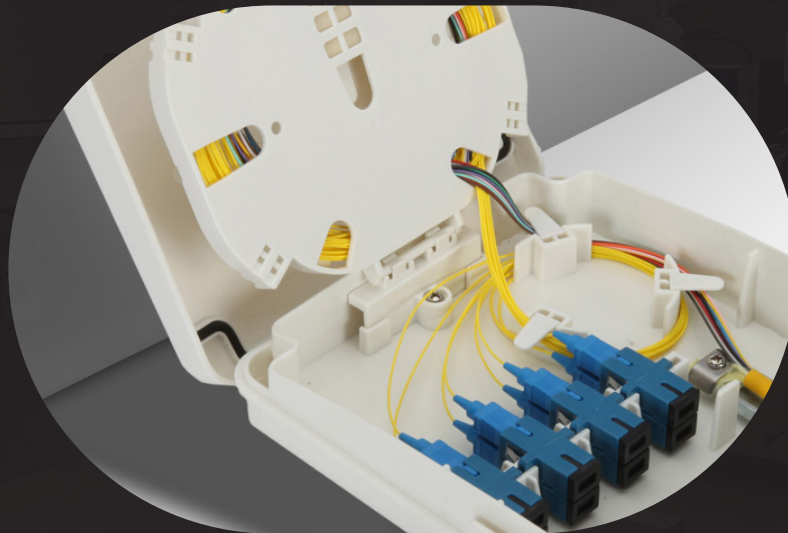
Port Wallmount Type
Optic Distribution Box
(SC/LC)



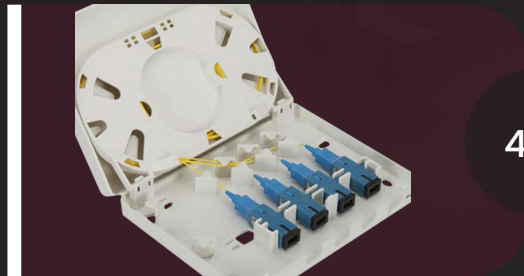
8/16



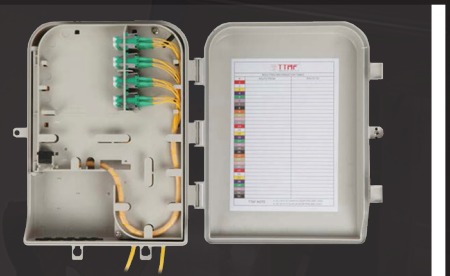
2/4



12/24



4/8



16/32



FIBER OPTIC PATCHPANELS

TTAF Fiber Optic Termination Boxes are used to terminate cable systems and premise fiber networks. They come fully loaded with adapters, splice trays, and convenient equipment accessories, and are ready for installation.

Metal Modul Type



Plastic Modul Type

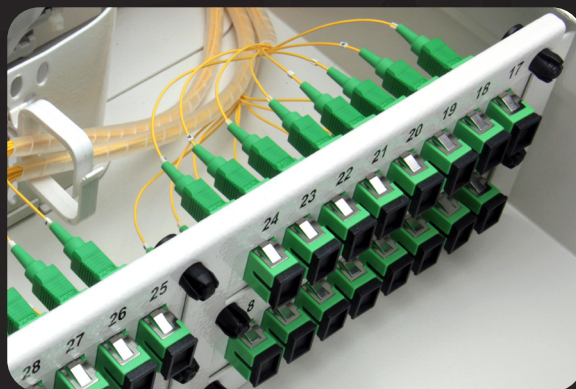
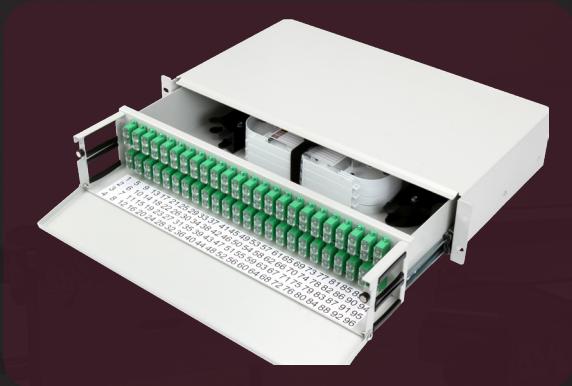




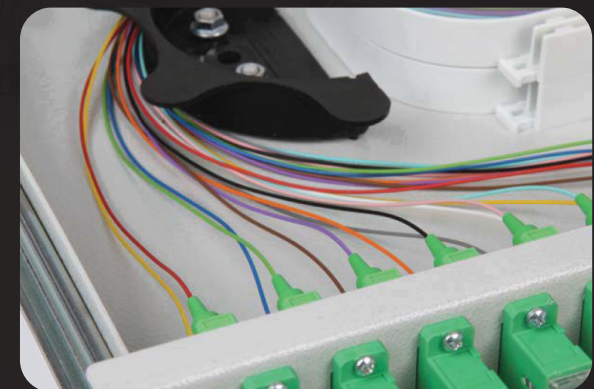
FIBER OPTIC PATCHPANELS

TTAF offers various solutions to organize and connect fiber optic links. The termination box ranges from 12 to 216 ports and is suitable for various types of sliding fiber optic patch panels with different optical adapter interfaces.

2U 19" 96 Port SC DX Rail Panel



2U 19" 48 Port SC / PC MM DX Sliding (With Rail and Pm) Rack Type Patchpanel (Full)





FIBER HDMI HDMI V2.0 ACTIVE OPTICAL CABLE

HDMI 2.0 is an HDMI standard that provides higher resolutions and refresh rates. The most important feature of this standard is the ability to transmit 4K video content at a refresh rate of 60 Hz. It also provides HDR support and 32-channel audio support. Therefore, HDMI 2.0 is ideal for high-quality video content and provides the best performance.

Application

- Digital Signage.
- Led Signboards in streets and stadiums.
- Medical Imaging Equipment.
- Airplane On-board Video System
- Home Theater
- Tv Broadcast Station
- Conference Room Video Equipment
- Security Systems





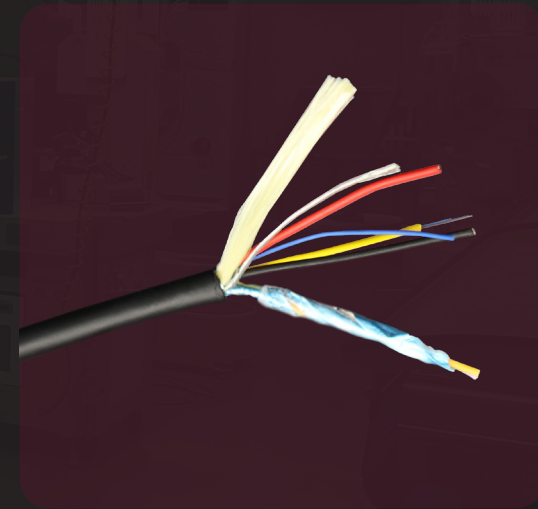
FIBER USB USB V3.0 TO TYPE-C

Fiber USB 3.0 to Type C is a cable solution designed for high-speed data transfer. This cable provides the high-speed data transfer capabilities offered by the USB 3.0 standard while providing an easy and reversible connection thanks to the Type C connector. Fiber technology provides data transfer at higher speeds over longer distances compared to traditional copper cables. This feature is ideal for applications requiring high-speed data transfer.

USB 3.0 TO TYPE-C



USB 3.0 TO TYPE-C INTERNAL STRUCTURE

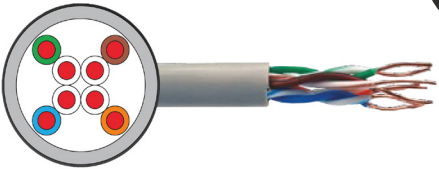




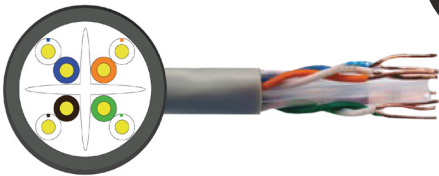
LAN CABLES

TTAF provides an extensive range of networking installation cables, from Cat5e to Cat6a, and from domestic to industrial LAN cables, together with their patch cords.

UTP
CAT5E



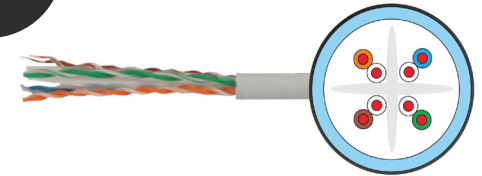
UTP
CAT6



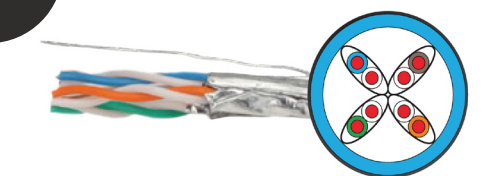
UTP
CAT6
Outdoor



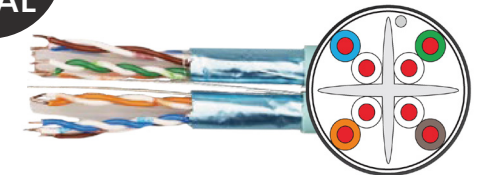
UTP
CAT6A



SFTP
CAT6A



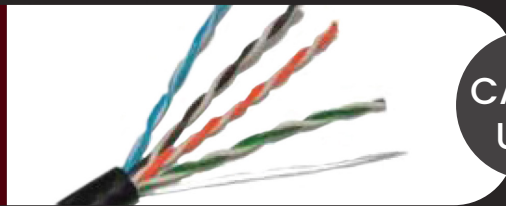
FTP
CAT6
DUAL



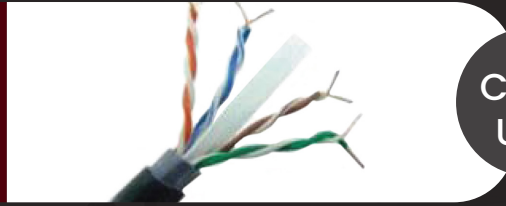


PATCH CABLES

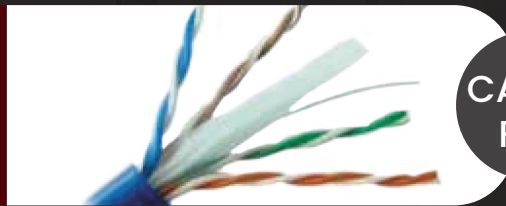
Cat x Patch cable meets or exceeds all Category x cable specifications to ensure reliable Gigabit network connections and features a durable PVC/LSOH/LSFROH and NON-PLENUM jacket that enables you to color code your network cable runs as needed. Stranded and solid copper conductors in cable pairs. Third party certification at a component level.



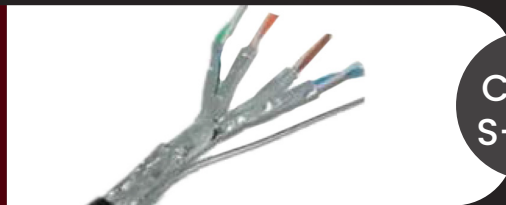
CAT5E
UTP



CAT6
UTP



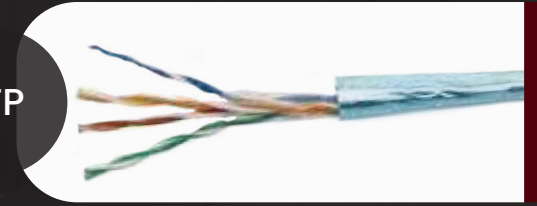
CAT6A
FTP



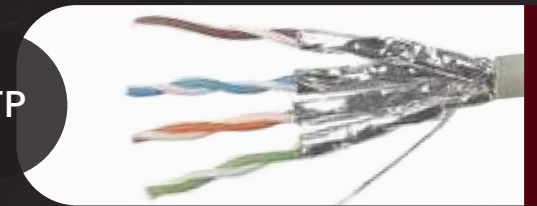
CAT7
S-FTP



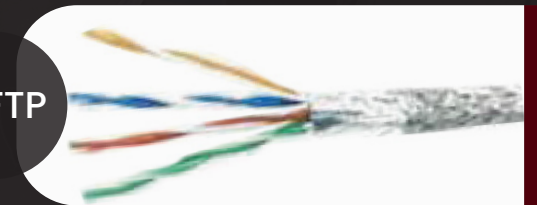
UTP



FTP



STP



S-FTP





PATCHPANELS

TTAF provides an extensive range of networking installation cables, from Cat5e to Cat6a, and from domestic to industrial LAN cables, together with their patch cords.

Metal Module Type



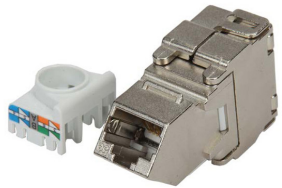
Plastic Module Type





KEYSTONE JACKS

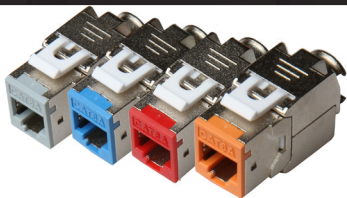
TTAF's modular jacks are designed to work with 110 and Krone termination tools. Keystone jack is available in a 90 and 180 degree termination design, with wiring diagram and conductor protection cap.



CAT5E
180°



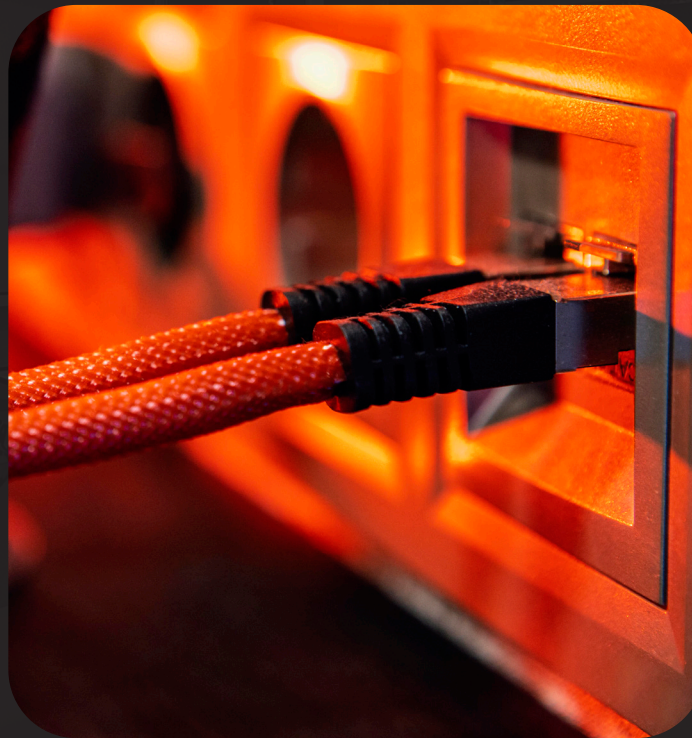
CAT6



CAT6A
SM
2000



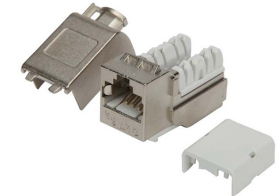
CAT7
180°



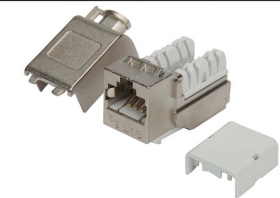
CAT6A
UTP



CAT6
FTP



CAT6A
FTP



CAT6A
FTP
180°

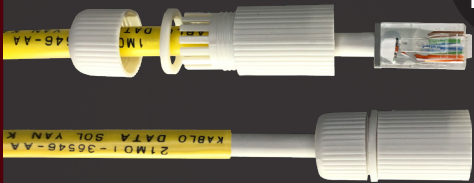




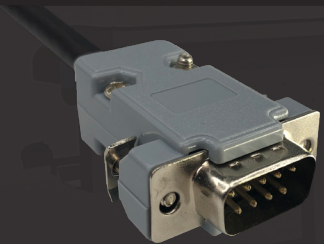
INDUSTRIAL PATCHCORDS

Industrial-type patch cords are short cables used to connect network cables to each other. These patch cords are specially designed to be used in industrial environments that require high performance.

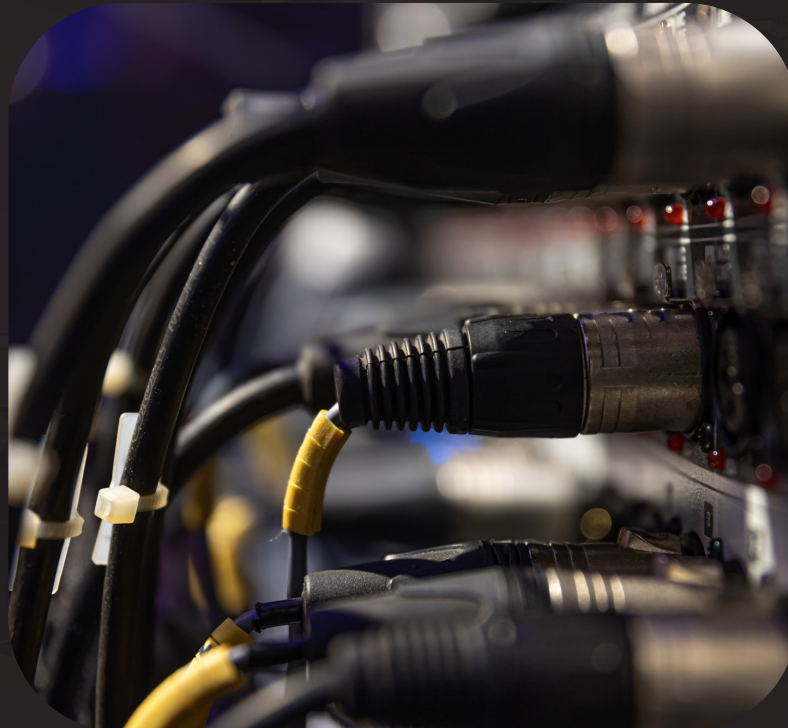
SHORT
BOOT



VGA



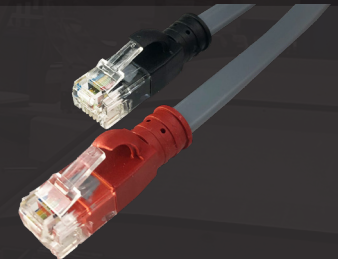
RJ45



WPI
RJ45



RJ-11



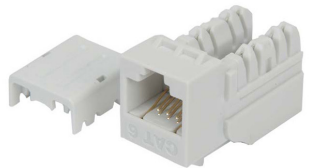
M12
TO
RJ45
PUR





ACCESSORIES

TTAF provides an extensive range of networking installation cables, from Cat5e to Cat6a, and from domestic to industrial LAN cables, together with their patch cords.



KEYSTONE
90°



RJ45



FTP



RJ45
COLOR
BOOT



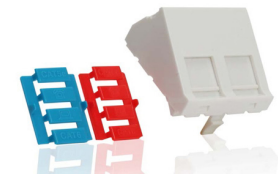
FACE
PLATE



FRAME
STP



ANGLED
DOUBLE
PORT



CAT
6/5E
FRAME





COPPER HDMI HDMI™ CONNECTOR TO HDMI™ CONNECTOR

TTAF offers copper HDMI cables that are compatible with the HDMI 2.0 standard. These HDMI cables, with copper connectors, are ideal for high-quality video content and provide the best performance. The HDMI 2.0 standard provides the ability to transmit 4K video content at a refresh rate of 60 Hz, along with HDR support and 32-channel audio support. TTAF also provides a range of networking installation cables, from Cat5e to Cat6a, as well as their patch cords.

Overview

- HDMI cable, HDMI type A plug-HDMI type A plug
- Cable: Triple shielded oxygen-free copper cable
- Conductor: 99.99% oxygen-free copper
- Outer Jacket: PVC
- Connector: 24K gold-plated
- Insulator: Aluminium foil shielding and foam polyethylene dielectric insulator
- Supports 3D Technology: Defines input/output protocols for major 3D video formats
- 1920x1080 Full Hd Support





www.ttafconsumer.com

