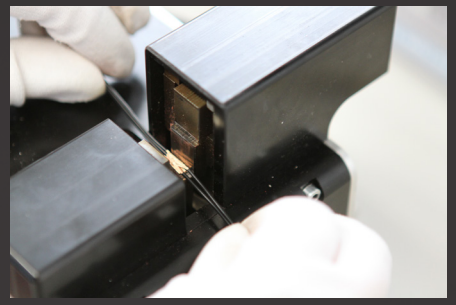
TTAF®

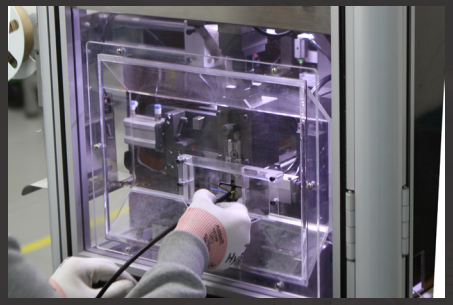
TELECOMMINICATION
CABLING SYSTEMS

TODAY, TOMORROW AND FOREVER

PRODUCTION CAPABILITIES



Ultrasonic Welding

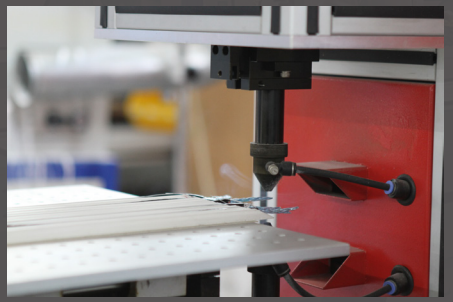


Sealed Terminal Crimping

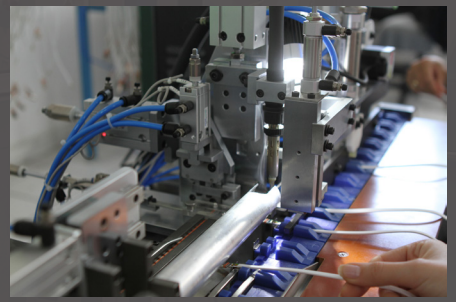
Automatic Cable Cutting Terminal Crimping

Outer Sheath Stripping

RJ45 Modele Plug's Terminal Inserting Machine



Laser Shield Cleaning

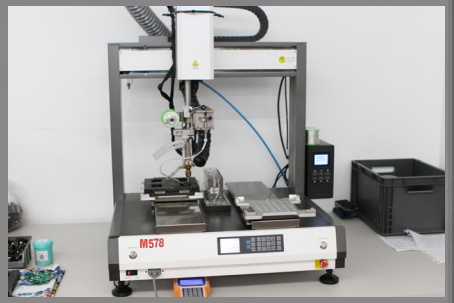


Usb 2.0 Automatic Soldering

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)

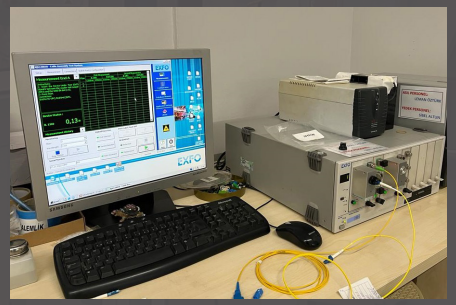
Humidity And
Temperature Test

Electrical Test

Water Spray Test
(EN 60529 IP TEST)

Sand And Dust Test
(EN 60529 IP TEST)

Push And Pull Test



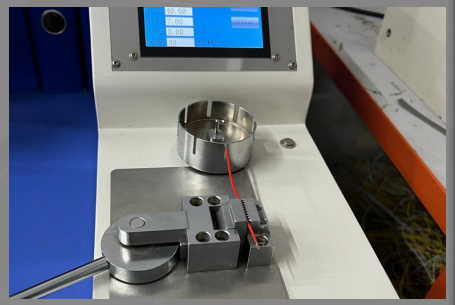
Fiber Optic Digital Test

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 Standarts.

UGMCERT
CERTIFICATE
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
ISO 10002:2018

UGMCERT
CERTIFICATE
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
ISO 9001:2015

TFA CERTIFICATION
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
KAVAKLI MAH. İSTANBUL CAD. TTAF SİTESİ NO:2/1
BEYLİKDÜZÜ / İSTANBUL / TÜRKİYE
Kuruluş, aşağıdaki kapsam dahilinde, firmamız tarafından bağımsız olarak değerlendirmiş ve belirtilen standartın gerekliliklerine uyumlu olduğu belirlenmiştir.
SERTİFİKA
TS EN 50288-3-1
Analog ve sayısal haberleşme ve kontrolde kullanılan çok elemanlı metal kablolar - Bölüm 3-1: 100 mHz'e kadar özellikleri belirlenmiş ekranlanmamış kablolar için bölüm özellik standardı; Yatay ve bina ana omurga kabloları
KAPSAM :
Sertifika İlk Düzenleme Tarihi : 10.05.2022
Sertifika Düzenleme Tarihi : 10.05.2022
Sertifika Geçerlilik Tarihi : 09.05.2023
Sertifika Numarası : TR203517

UGMCERT
CERTIFICATE
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
ISO 50001:2018

TÜRKİYE CUMHURİYETİ ÇEVRE, ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ BAKANLIĞI
SIFIR ATIK
T.C. İSTANBUL VALİLİĞİ ÇEVRE,ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ İL MÜDÜRLÜĞÜ
SIFIR ATIK BELGESİ
(Temel Seviye)
BelgeN o: TS/34/C/20/189 Tarih: 11/01/2022
Adı: TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
Adresi: İSTANBUL,KAVAKLI Mahallesi, İSTANBUL CADDE, No: 211, BEYLİKDÜZÜ,Türkiye
Vergi No:8591049354
12/07/2019tarihli ve 30829s ayılı Resmi Gazetede'de yürürlüğe giren Sıfır Atık Yönetmeliğince Sıfır AtıkY önetim Sistemi'ni kurarak Sıfır Atık Bdgesi'ni almaya hak kazanmıştır.
Hacı Mehmet GÜNER
Çevre,Şehircilik ve İklim Değişikliği İlM üdürü
E-İMZALIDIR
Belge SonG eçerlilik Tarihi:
11/01/2027
Bu belge, güvenli elektronik imza ile imzalanmıştır.

UGMCERT
CERTIFICATE
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
ISO 45001:2018

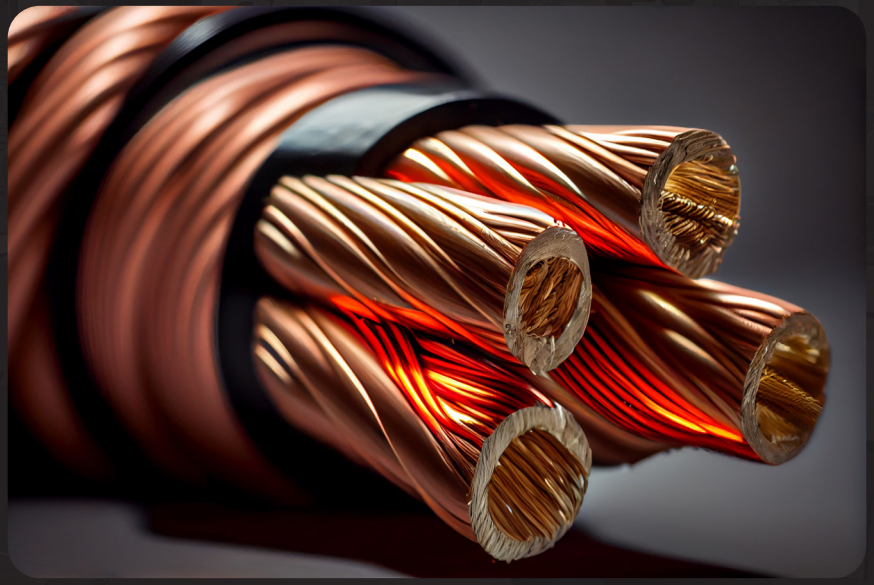
UGMCERT
CERTIFICATE
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
ISO 14001:2015

TFA CERTIFICATION
Performans Değişmezliği Sertifikası
İlgili Standart / Direktif/ Yönetmelik
Ürün (ler)
SERTİFİKA
TTAF ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ
Üretim Yapan Fabrika
KAVAKLI MAH. İSTANBUL CADDE TTAF SİTESİ NO:2/1
BEYLİKDÜZÜ / İSTANBUL / TÜRKİYE
TS IEC 61156-5
Sertifika Numarası: TR203519
Sertifika Düzenleme Tarihi: 10 Mayıs 2022
Sertifika Geçerlilik Tarihi: 9 Mayıs 2023

TELECOMMUNICATION & CABLING SYSTEM

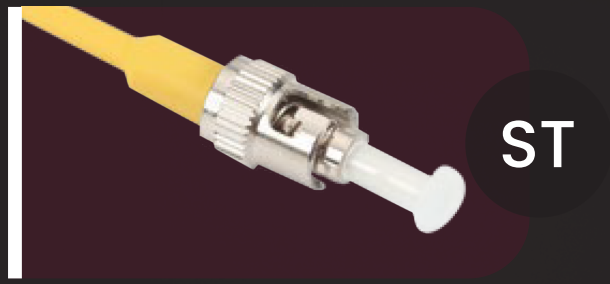
Fiber Optic

Copper Wire Cable



PIGTAILS

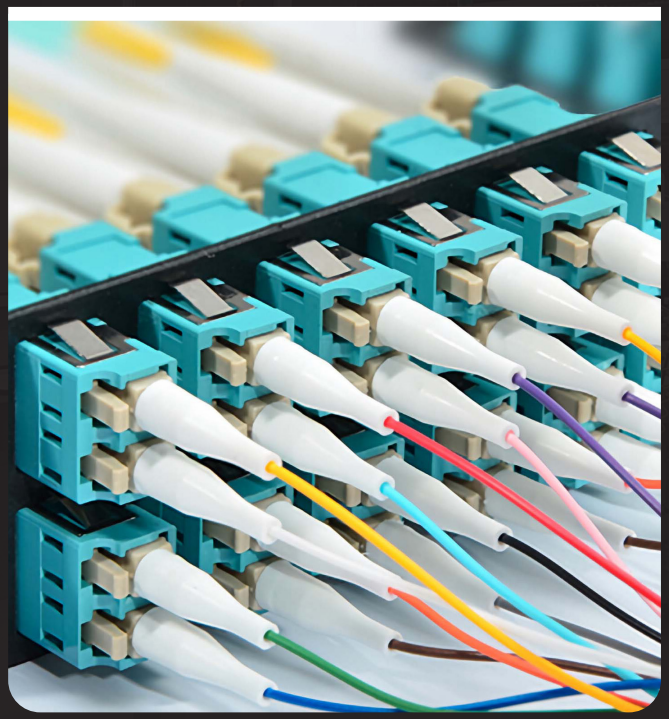
Networks including Ethernet, Fast Ethernet and GBE
> Internal inter-connect.
> Ideal for a wide range of telecom, datacom and process control applications where ruggedisation is required.
> Suitable for repeated handling in patch panels and racks.



ST

SC

LC



UL 94 V-0

Low Ins. loss

High quality

LS ZH

MU

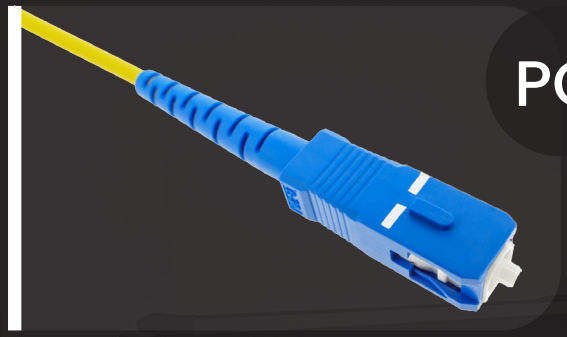
MTRJ

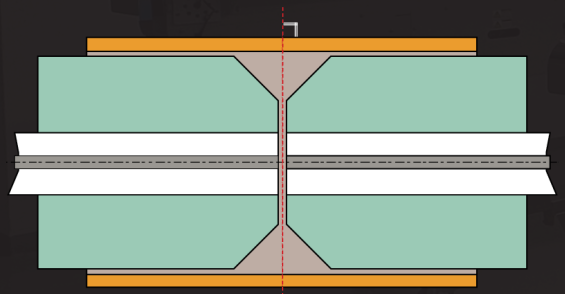
FC

PATCHCORDS

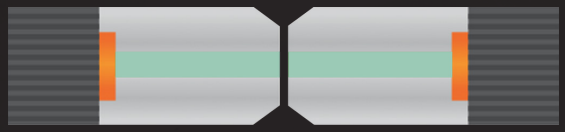
TTAF perfected fiber optic patchcords to the following connectors: SC, LC, FC, ST, E2000.
TTAF is a leading supplier of advanced fiber optic components.
Our extensive product offering includes a full range of solutions including.
Connectors and Adapters, Assemblies, Termination Kit sand Tooling.

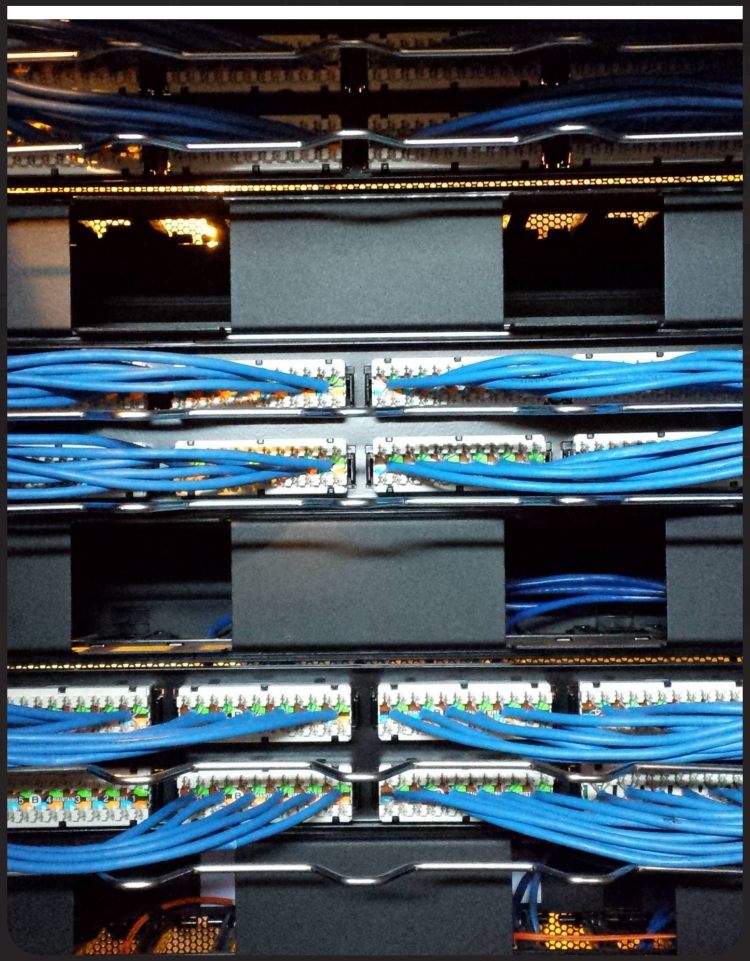
PC



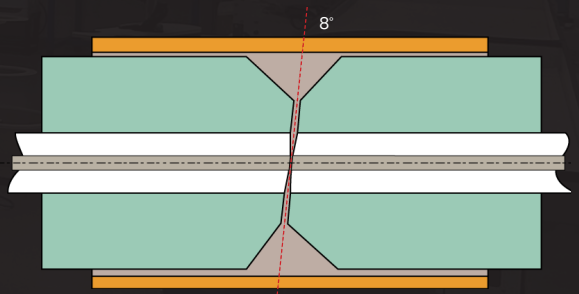


- PC - Physical Contact

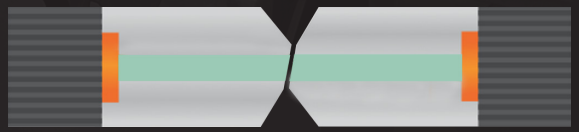




APC



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



PATCHCORDS

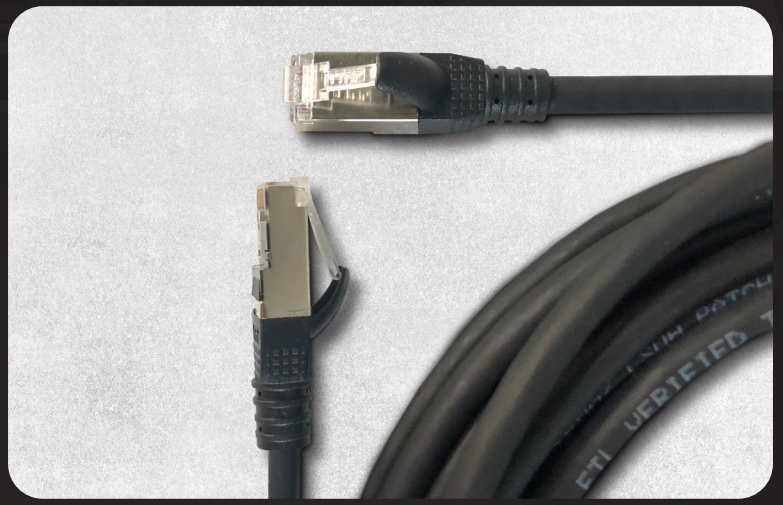
Features:

- 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 elnogate 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

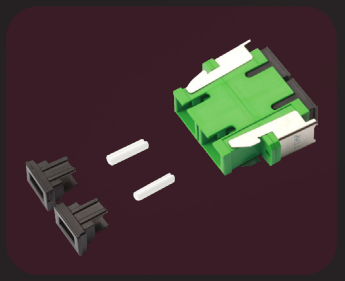
Cat 6 Outdoor Patchcord



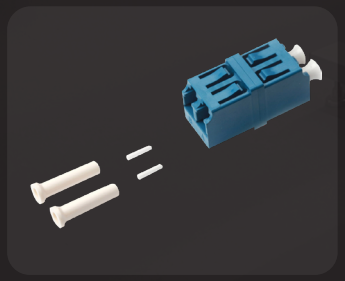
ADAPTERS

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 stricyly according to international standart, this makes our fiber optic adaptors fully compatible with leading product on local market.

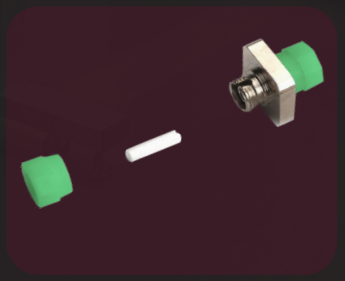
SC ADAPTERS



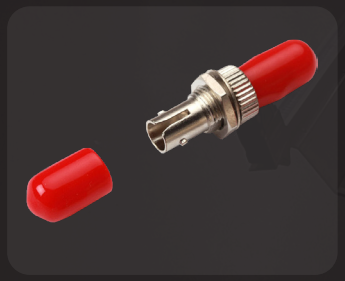
LC ADAPTERS



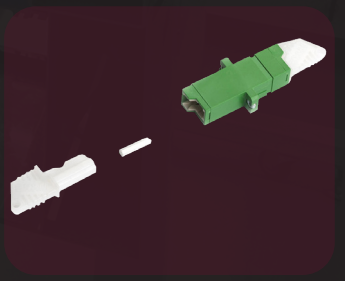
FC ADAPTERS



ST ADAPTERS



E2000

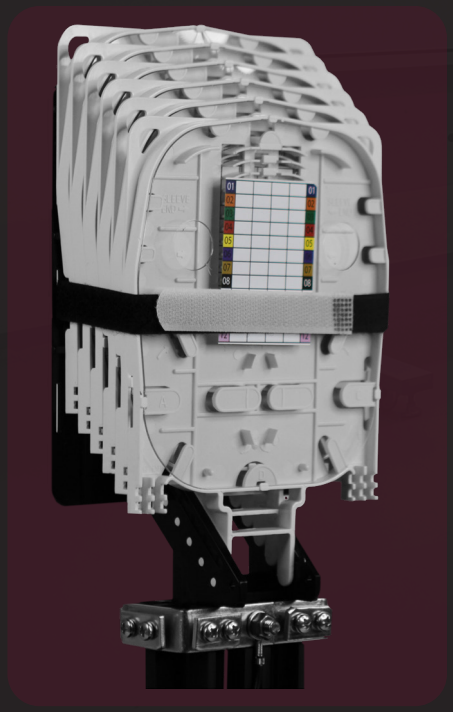


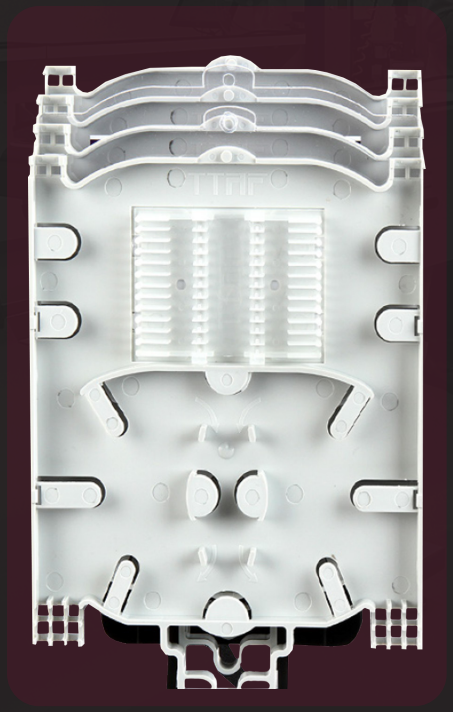
FIBER OPTIC ENCLOSURES

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 evironmental 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.

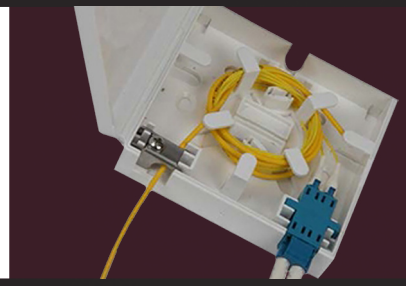
Leading Product On Local Market



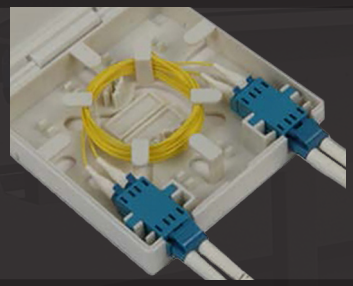


PLASTIC ODB BOXES

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



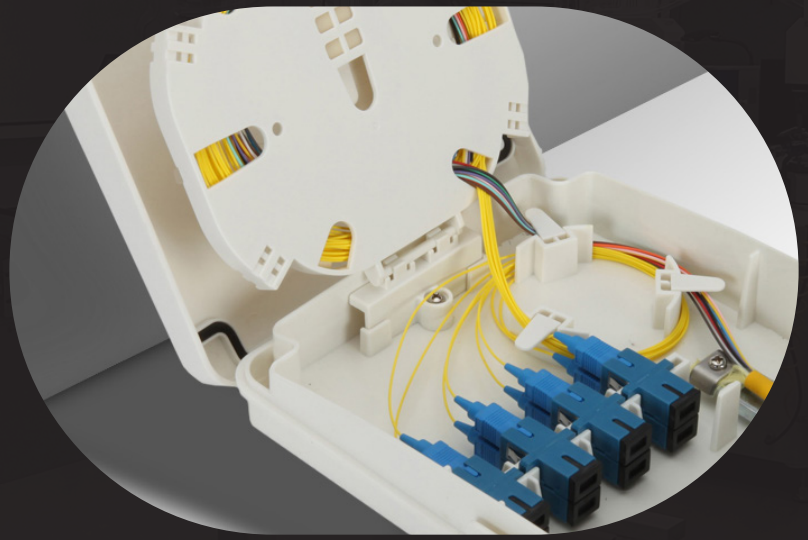
1/2



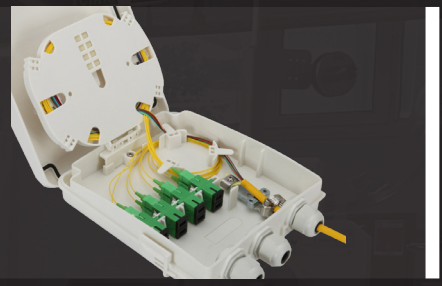
2/4

4/8

Port Wallmount Type
Optic Distribution Box
(SC/LC)

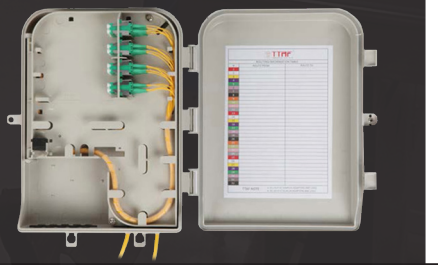


8/16



12/24

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.

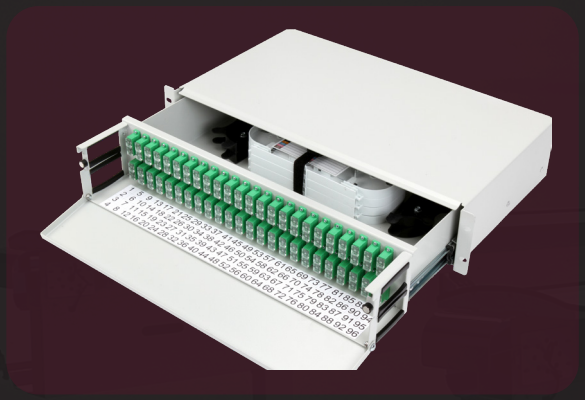
Metal Modul Type

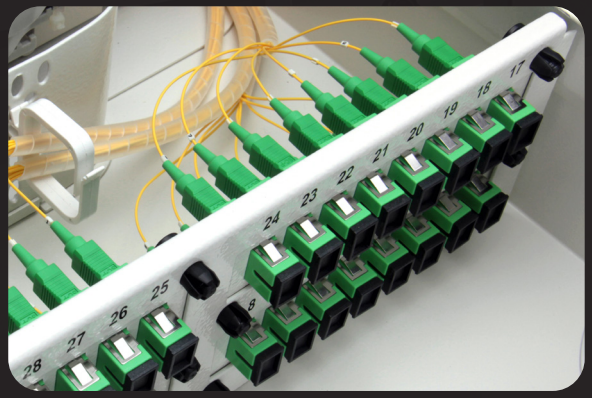
Plastic Modul Type

FIBER OPTIC PATCHPANELS

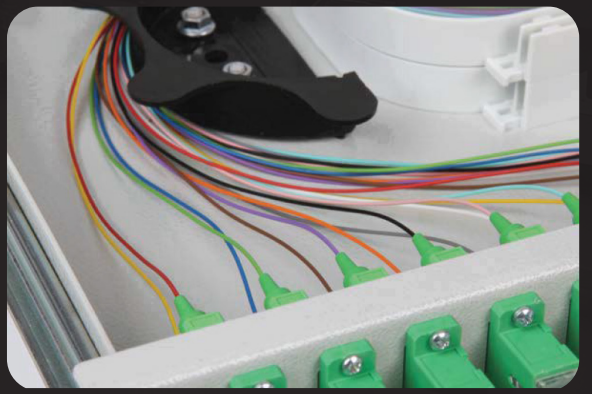
TTAF offers various solutions to organize and connect fiber optic links. The termination box ranges from 12 to 216 ports and is suitable for various types of sliding fiber optic patch panels with different optical adapter interfaces.

2U 19'' 96 Port SC DX Rail Panel





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

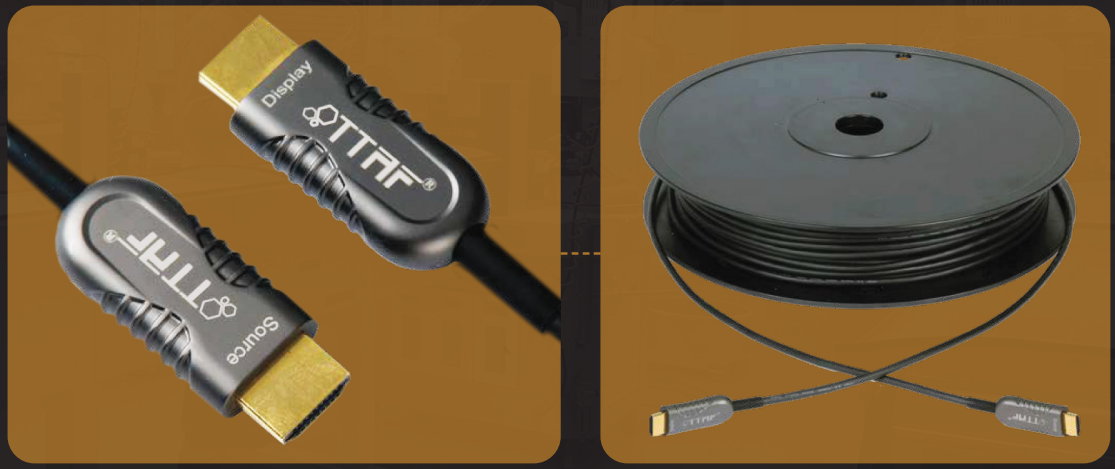


FIBER HDMI HDMI V2.0 ACTIVE OPTICAL CABLE

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.

Aplication

- 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

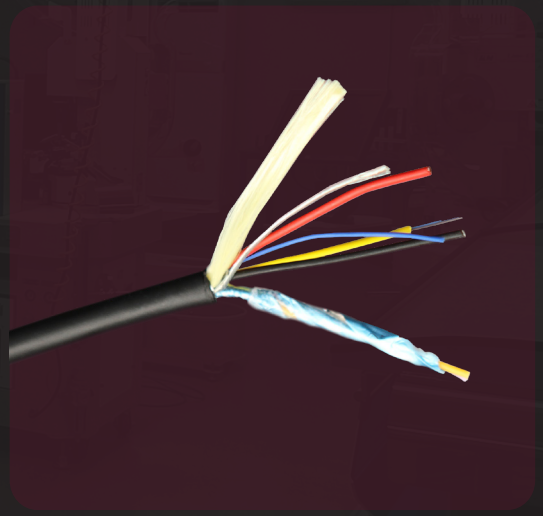


FIBER USB USB V3.0 TO TYPE-C

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

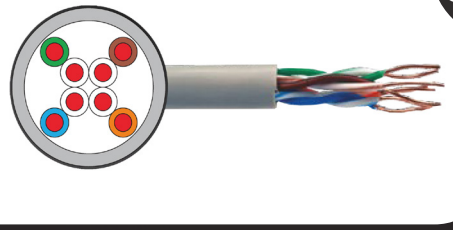
USB 3.0 TO TYPE-C INTERNAL STRUCTURE



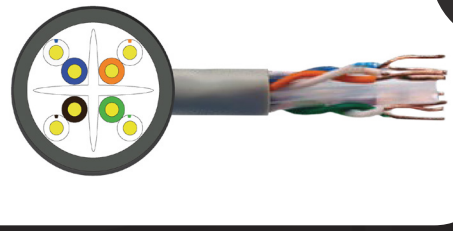
LAN CABLES

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.

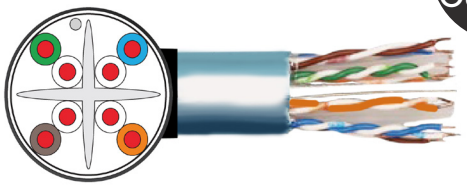
UTP CAT5E



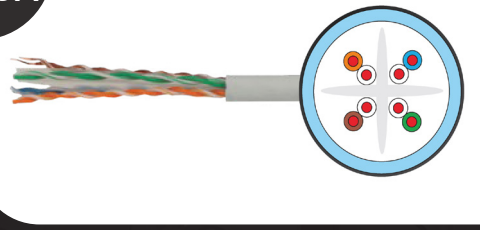
UTP CAT6



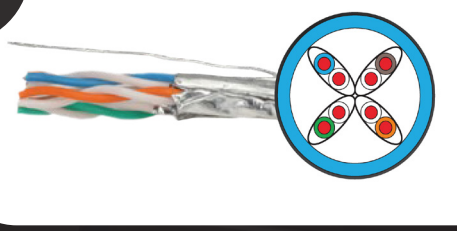
UTP CAT6 Outdoor



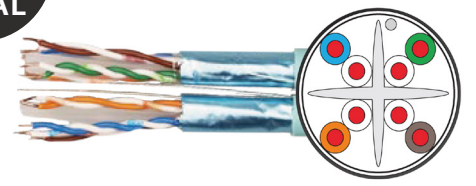
UTP CAT6A



SFTP CAT6A

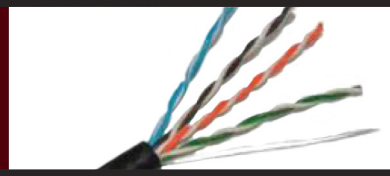


FTP CAT6 DUAL

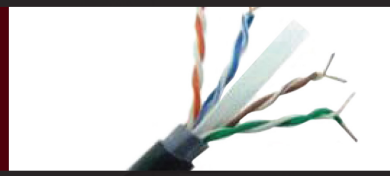


PATCH CABLES

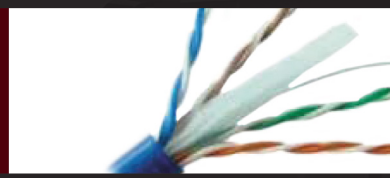
Cat x Patch cable meets or exceeds all Category x cable specifications to ensure reliable Gigabit networt connections and features a durable PVC/LSOH/LSFROH and NON-PLENUM jacket that enables you to color code your network cable runs as needed. Stranded and solid copper conductors in cable pairs. Third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



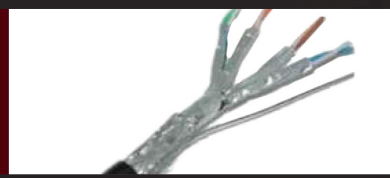
CAT5E UTP



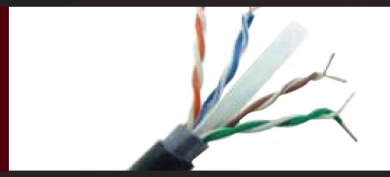
CAT6 UTP



CAT6A FTP

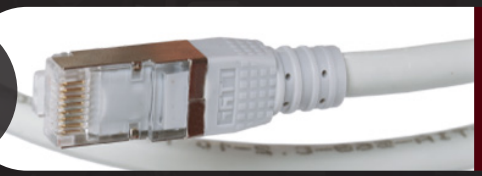


CAT7 S-FTP



LTP

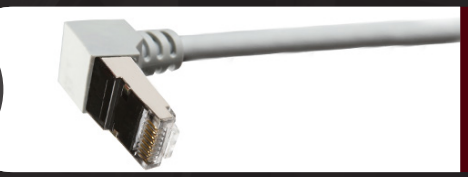
CAT5E UTP



CAT6 UTP

CAT6A FTP

CAT7 S-FTP



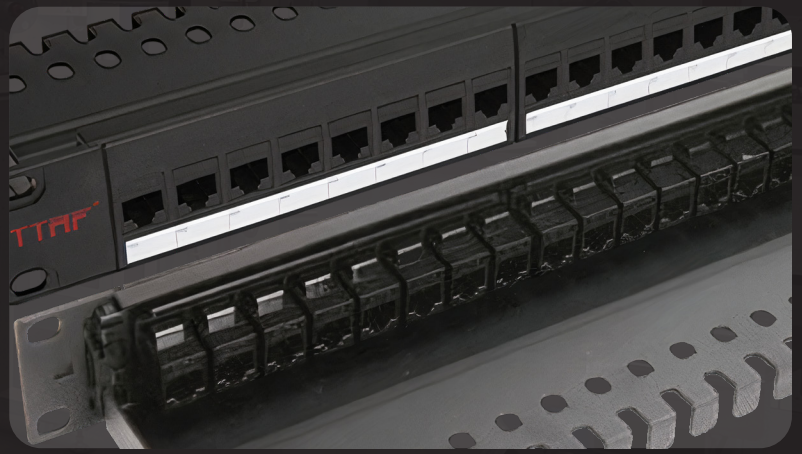
LTP

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.

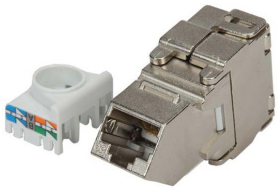
Metal Module Type

Plastic Module Type



KEYSTONE JACKS

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



CAT5E
180°

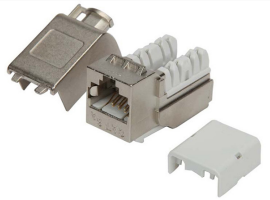
CAT6

CAT6A
SM
2000

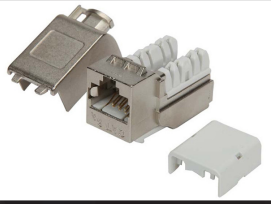
CAT7
180°

CAT6A
UTP

CAT6
FTP



CAT6A
FTP

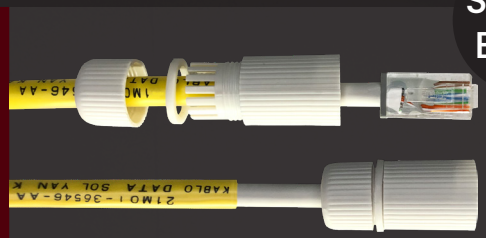


CAT6A
FTP
180°

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.

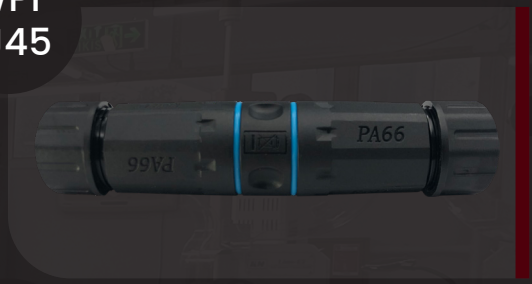
SHORT BOOT



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

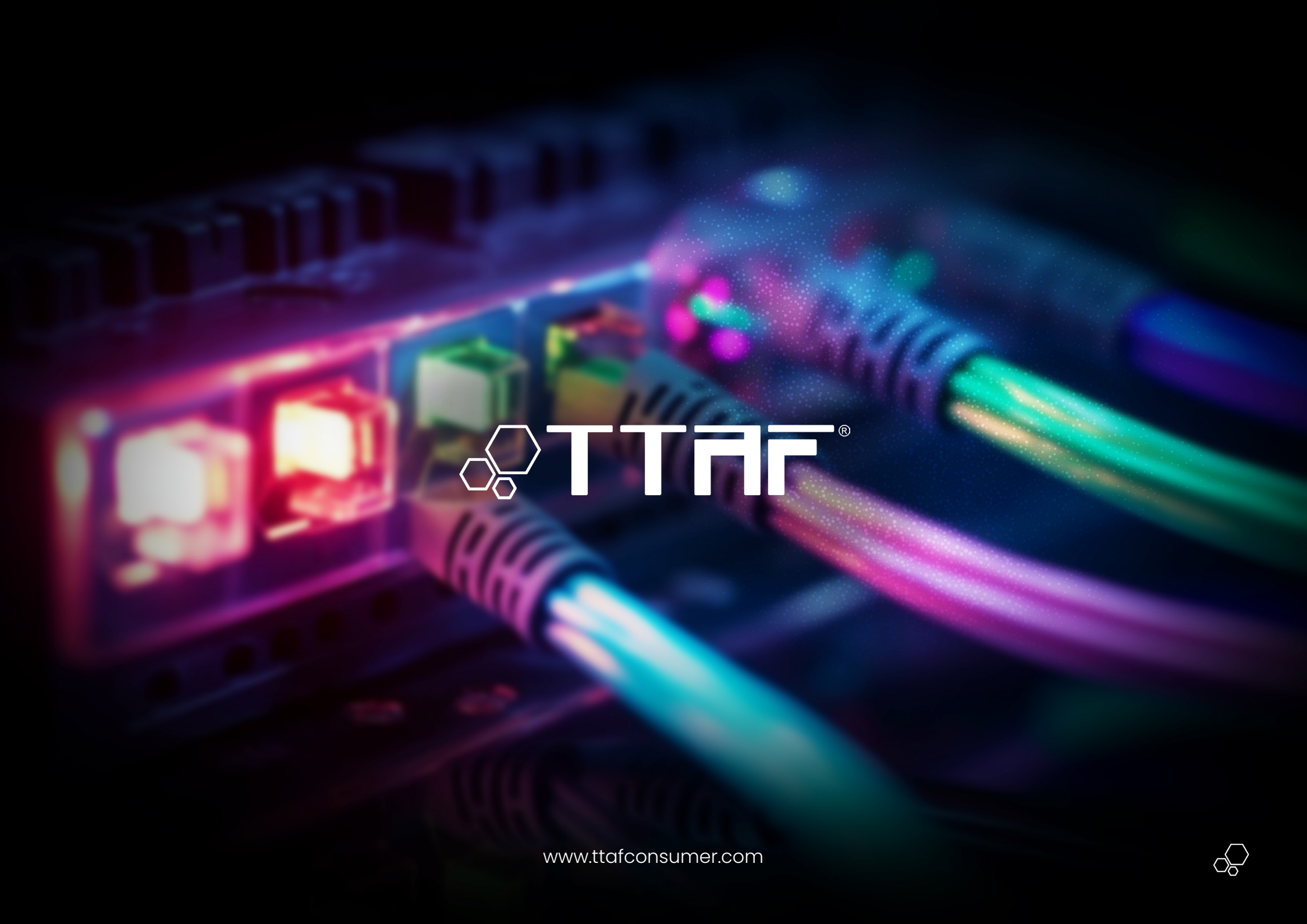
CAT 6/5E FRAME

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



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