



"Today Tomorrow And Forever" **2021-V1**



Truly global  
company with  
export to more  
than 70  
countries.



Leading supplier  
of interconnect  
solutions, cable  
assemblies,  
telecom/datacom,  
lighting &  
medical solutions.

Strongly  
positioned in  
various markets,  
providing the  
widest range of  
solutions.

  
Research and  
development  
activities fulfilled  
in hi- tech  
environment,  
always aiming  
innovation and  
unique product  
designs.

 **TTAF**







1990

Former company **Elektromar** started connector sales&distribution



2003

TTAF cable assembly factory was established.  
TTAF first started producing TV cable assemblies.



TTAF Elektronik San. Tic. Ltd. Şti  
Headquarter, factory, warehouse  
İstanbul-Turkey  
6000 SQM



2015

TTAF launched into lighting applications.

TTAF Export sales started.

TTAF China organization was set up.

Plastic injection line was set up in TTAF Istanbul facility.

The medical sector was initiated in our Istanbul TTAF company.

Ankara sales office

TTAF Electronics Manufactory Co. Ltd.  
Sales and Sourcing Office  
Shenzhen-CHINA



2006



2014



2019



### Turkey Organisational Structure



### Activities Performed

- 6000SQM Closed Area
- Five Production Lines; Telecommunication, Lighting, Consumer, Medical & Industrial
- Technical Support & Engineering
- Domestic Sales & Marketing
- International Sales & Marketing
- Warehousing
- R&D

# CHINA > SHENZHEN

### China Organisational Structure



### Activities Performed

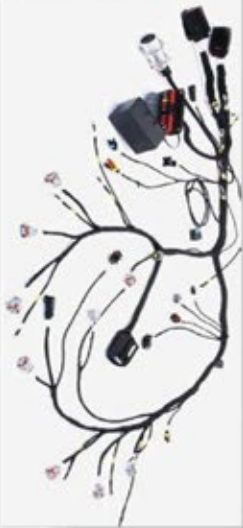
- Sales
- Sourcing
- Domestic & Export Sales
- Logistics



Truly global company with export to more than 70 countries.



**Cable  
Assemblies**



**Overmolded  
Cables**



**Box  
Builds**



**Network  
Solutions**



**Lighting**



**Waterproof  
Interconnect  
Solutions**



**Medical**



# PRODUCTION CAPABILITIES

Ultrasonic Welding



Fiber HDMI



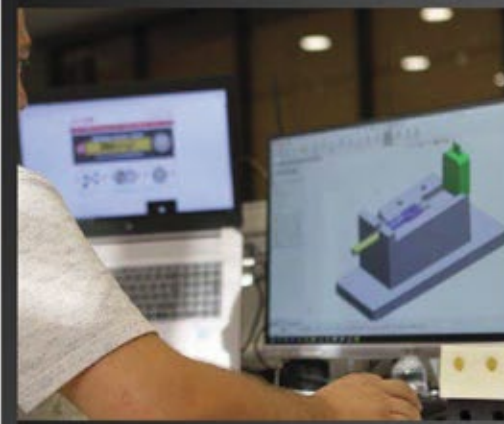
FiberCrimp Machine



Vertical Processing Cnc



R & D



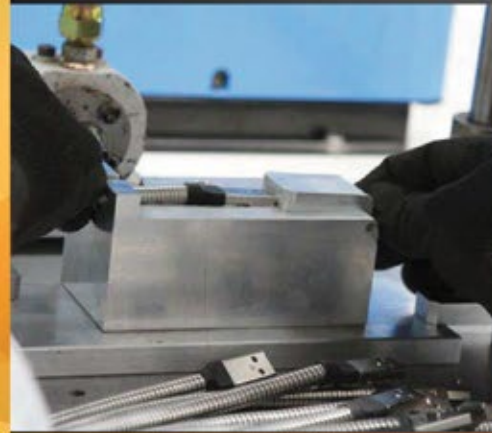
3d Printer



Cable Cutting & Stripping Machine



Low Pressure



Cable Stripping Machine





Soldering



Pad Printing



Capabilities

# PRODUCTION CAPABILITIES

Lazer Cutting



Automatic Cut & Crimping



Lazer Cut & Stripping



Fiber Polish



Fiber Stripping



Automatic Under Cut  
Profile Cutting



Universal Milling



ncat.com.tr



Capabilities

# TEST CAPABILITIES

Pressure Test Tank



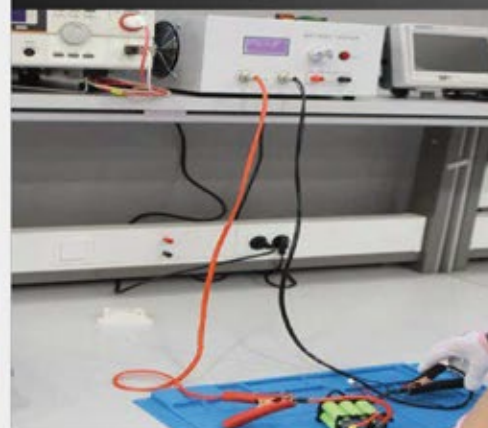
Humid & Temp  
Programmable Tester



Electrical Test



Battery Test



UV Test Cabinet



Water Spray Test



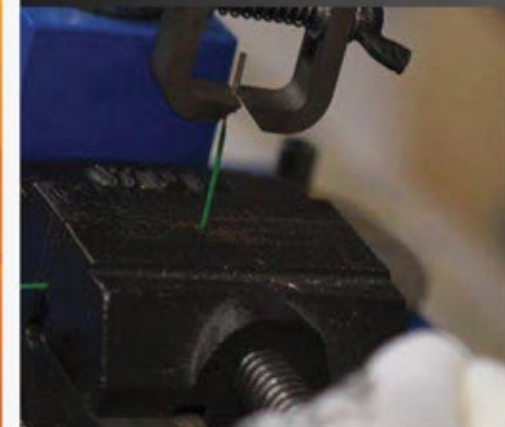
Sand and Dust Test  
Chamber



Compression Test



Terminal Pull Test



Our quality management system is certified in accordance with  
ISO 9001:2015, ISO 14001:2015, 18001:2007; standards.

Quality

HSE (Health, Safety, Environment)

- Periodic controls of lifting vehicles
- Periodic health controls
- Using of protective equipment
- Waste management
- Training





# Product Certificates

## Certificate of Compliance

**Certificate Number:** ES11884  
**Report Reference:** ES11884-20200103  
**Issue Date:** 2020-JANUARY-14

**Issued to:** TTAŞ ELEKTRONİK SAN. VE TİC. A.Ş.  
Kavaklı Mah. İstanbul Cad. No:21 Beylikduzu/İstanbul TR  
34320

This certificate confirms that the representative sample of the product has been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted to performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standards for Safety:** UL 1977, Component Connectors for Use in Data, Signal, Control and Power Applications and CAN/CSA C22.2 No. 183.3-16, Special Use Attachment Plugs, Receptacles, and Connectors.

**Additional Information:** See the UL Online Certifications Directory at <https://ul.com/certification> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Service Division provides authorization to apply the UL Mark. Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Service.

Look for the UL Recognized Component Mark on the product.



## Certificate of Compliance

**Certificate Number:** No. 2020113.107020

**Certificate's Holder:** TTAŞ ELEKTRONİK SANAYİ VE TİCARET ANONİM ŞİRKETİ  
Kavaklı Mah. İstanbul Cad. No:21 Beylikduzu / İstanbul / TÜRKİYE

**Certification ECU Mark:**

**Product:** Hoodlights  
**Model(s):** ES-20 XXXX

**Standard:** EN 60598-2-01:2015/EN 60598-2-02:2015

**Verification to:** related to CE Declaration(s) 2014/53/EU (Low Voltage)

**Remarks:** The product has been verified on a laboratory basis. The product(s) satisfies the requirements of the Certification Mark of ECU in accordance with the above listed Standard(s). The above Certificate Mark can be affixed on the product(s) according to the ECU regulation about its release and its use. The regulation is not for general information. The Certificate of Compliance can be checked for clarity.

**Additional Information:** Declaration(s) made by the holder of the product is in accordance with the requirements of the ECU regulation about its release and its use. The regulation is not for general information. The Certificate of Compliance can be checked for clarity.

**Date of Issue:** 13 January 2020 **Expiry Date:** 13 January 2023



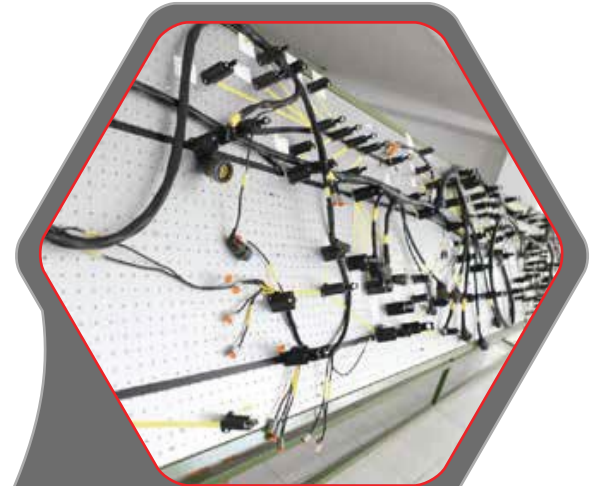
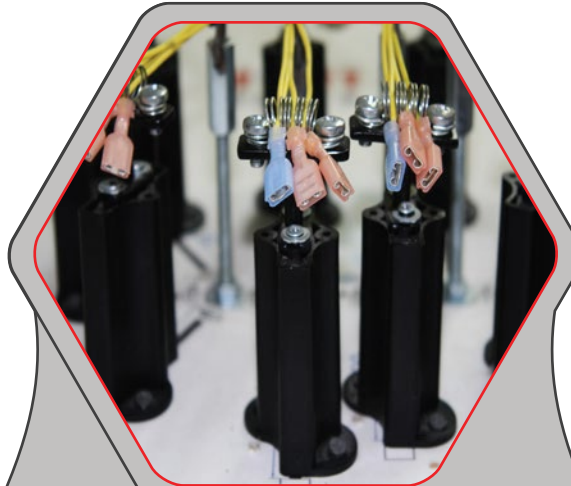
A photograph of an industrial facility at night, featuring complex piping, scaffolding, and structural elements illuminated by artificial lights. The scene is dark, with the primary light source being the facility's own lighting, creating a high-contrast, industrial atmosphere.

# INDUSTRIAL CONSUMER

**TTAF** industrial & consumer division manufactures four main product groups cable assembly, box build, panel wiring and overmolded cables.



# CABLE ASSEMBLIES



**An extensive range of cable assemblies and connectors manufactured to customer specifications and industry type.**

# CIRCULAR CABLE ASSEMBLIES

TTAF manufactures wiring harnesses that meets your specific requirements, including special circular cable assemblies , personalized layout and cable assembly.

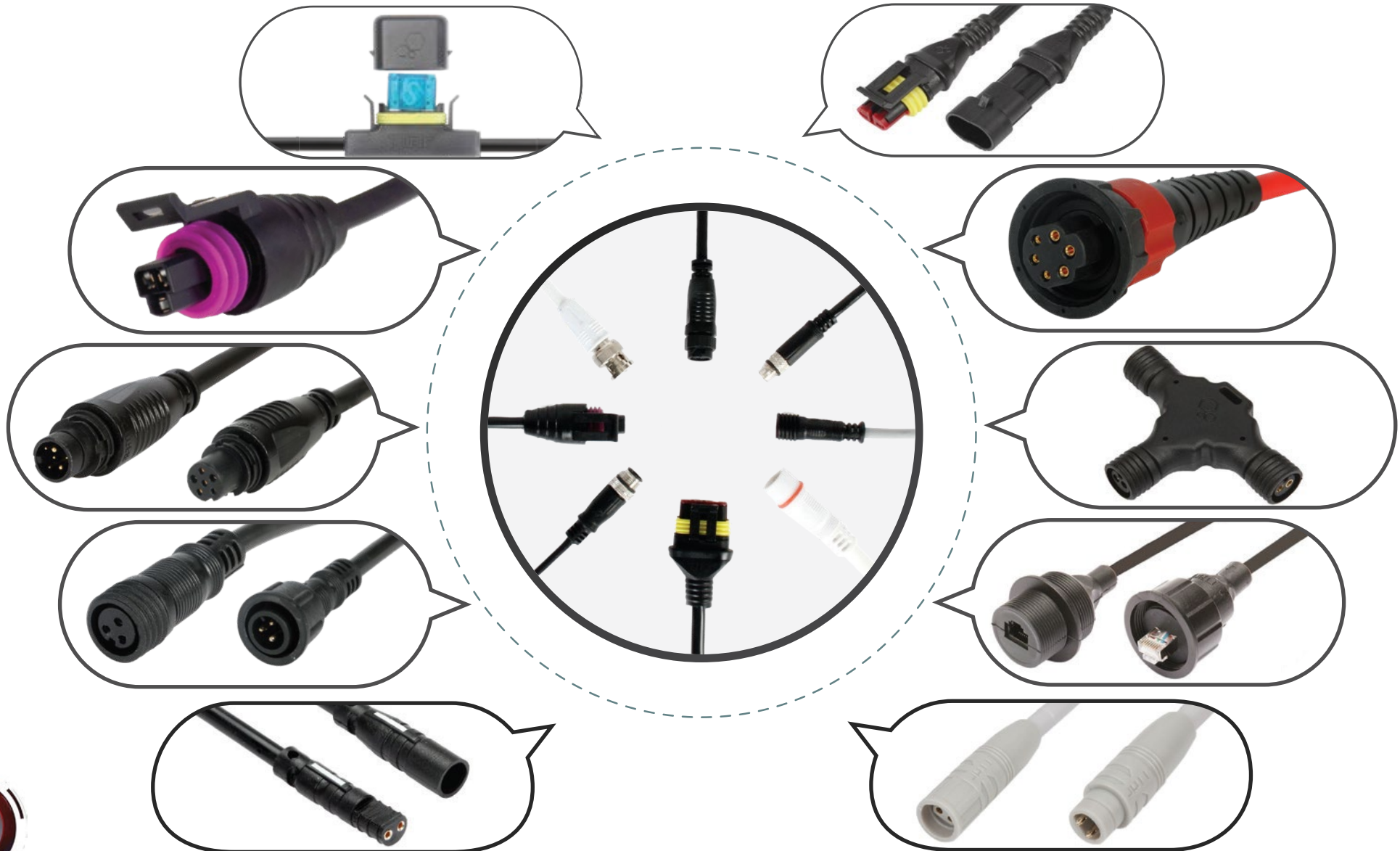




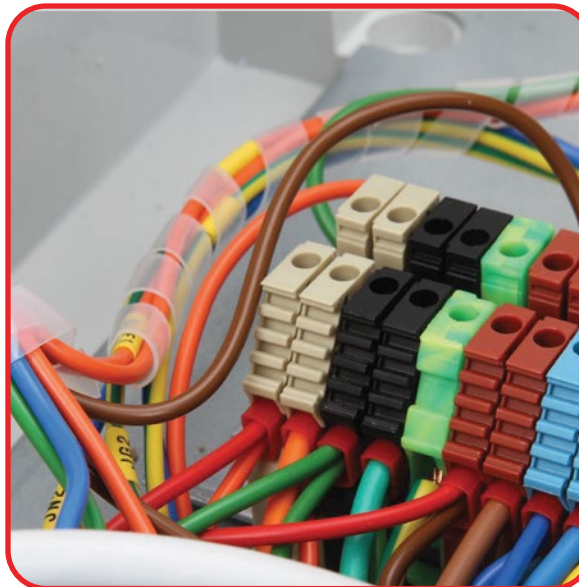
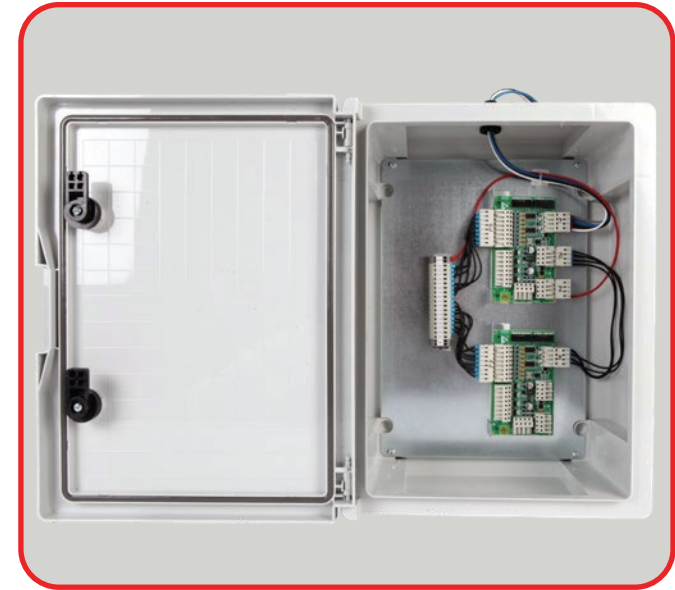
# OVERMOLDED CABLE ASSEMBLIES

*Industrial & Consumer*

Overmolded cable assemblies are designed for long life and reliable performance in a variety of applications. We manufacture straight, right angle, or customer specific molded backshells for different connectivity situations.



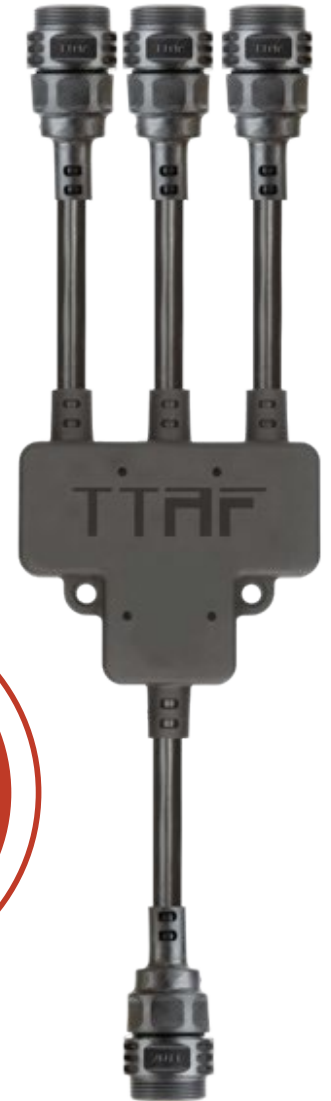
**We have the resources and skills to design and manufacture a wide range of custom box build electronic assemblies for any industries.**





## WATERPROOF CONNECTORS & SPLITTERS

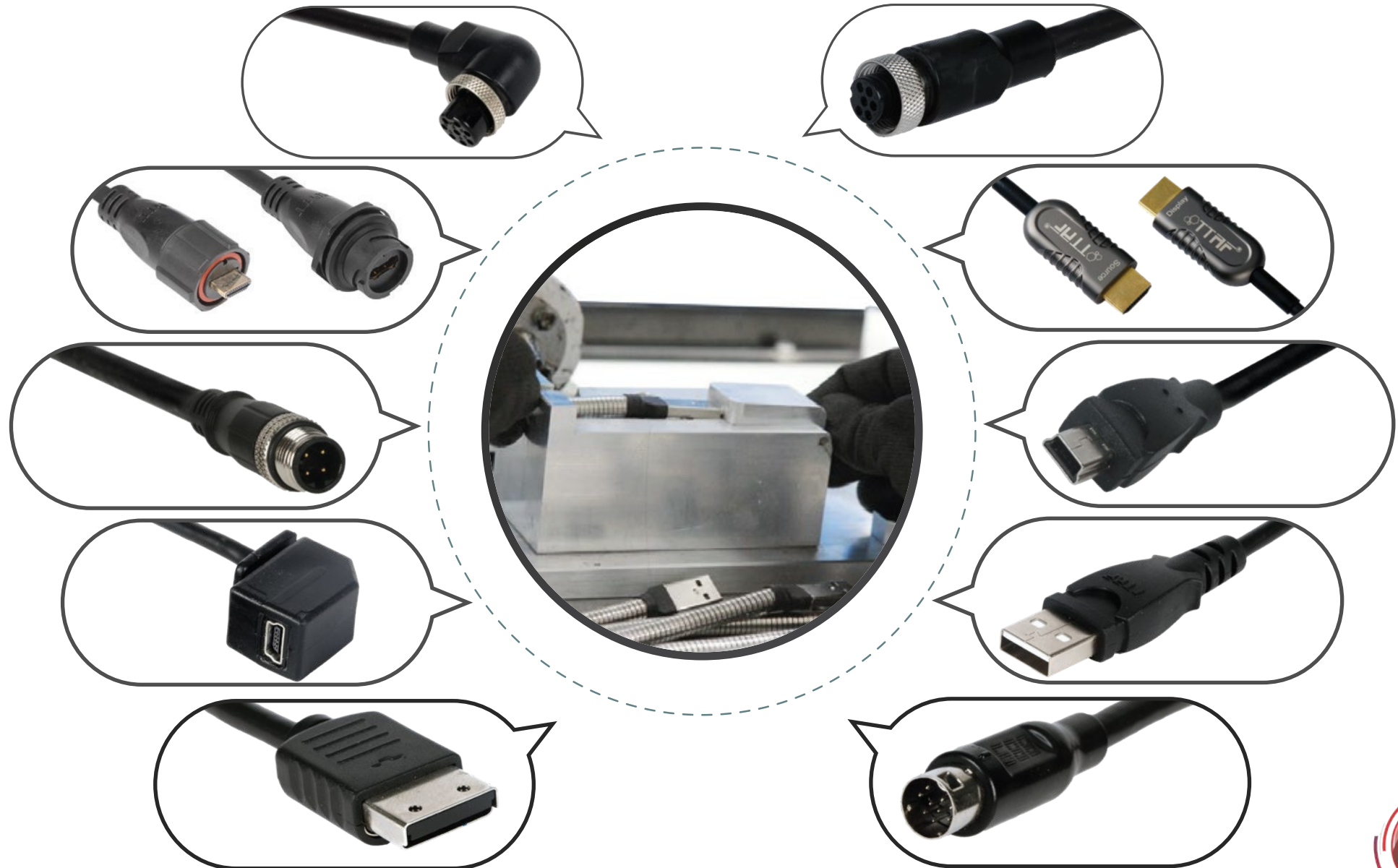
This line is designed for applications such as outdoor lighting where a field installation is necessary at outdoor or underwater/underground conditions.



# DATA, AUDIO, SIGNAL CABLE ASSEMBLIES

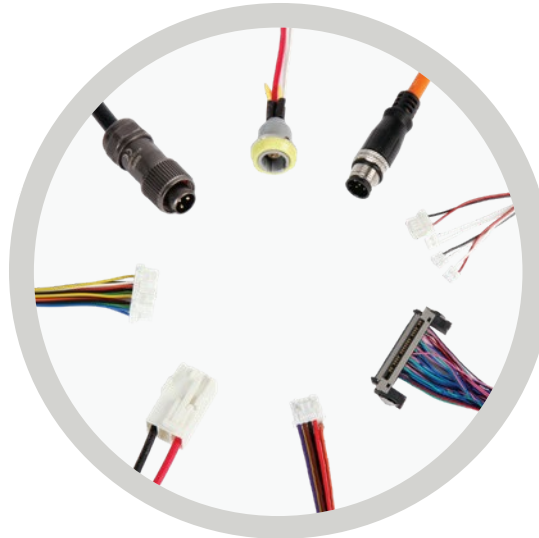
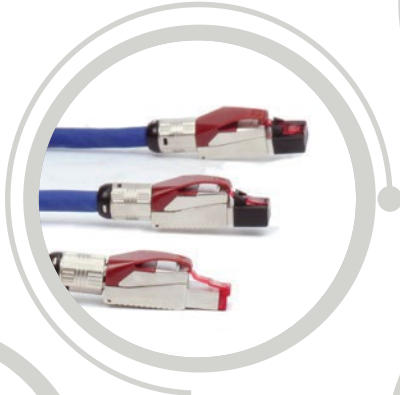
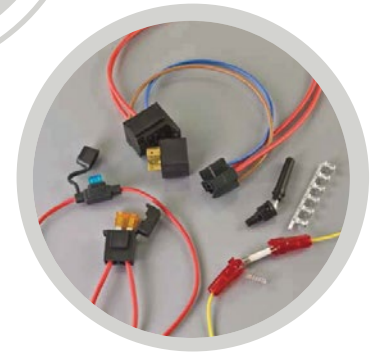
*Industrial & Consumer*

TTAF can produce various data, audio, signal cable assemblies with various lengths.





## CUSTOM DESIGNED CABLE ASSEMBLIES



# NEW OVERMOLDING PRODUCT



Overmolded cable assemblies are designed for long life and reliable performance in a variety of applications. We manufacture straight, right angle, or customer specific molded backshells for different connectivity situations.





