



Fiber Management Solutions



Company History and new Targets

CPE is a family company founded in 1978 and established in Milan, Italy.

The business started as trading company of connectors and cables, addressing defense, and telecommunication.

After few years of activity It has been natural consequence moving from trading company to manufacturing company, pursuing high specialization in harnesses assembly and connectors production.

As the spirit of CPE ITALIA has always been - and still is - to be customer «allied», the founder sustained the growth of the company by opening new production sites around the globe.

CPE ITALIA is now a Group of about 400 people with production facilities in Brazil, China, Italy, Mexico, Romania, branch offices in Nord America and India, headquarters in Milan.

Extensive knowledge in sectors such as Defense, Broadcasting, Communication Infrastructure, Medical, Transportation, Nuclear, Oceanographic Installations.

It is CPE main focus to support any Customer need by designing and developing tailored solutions

Customer Premises Network Termination (CPNT)

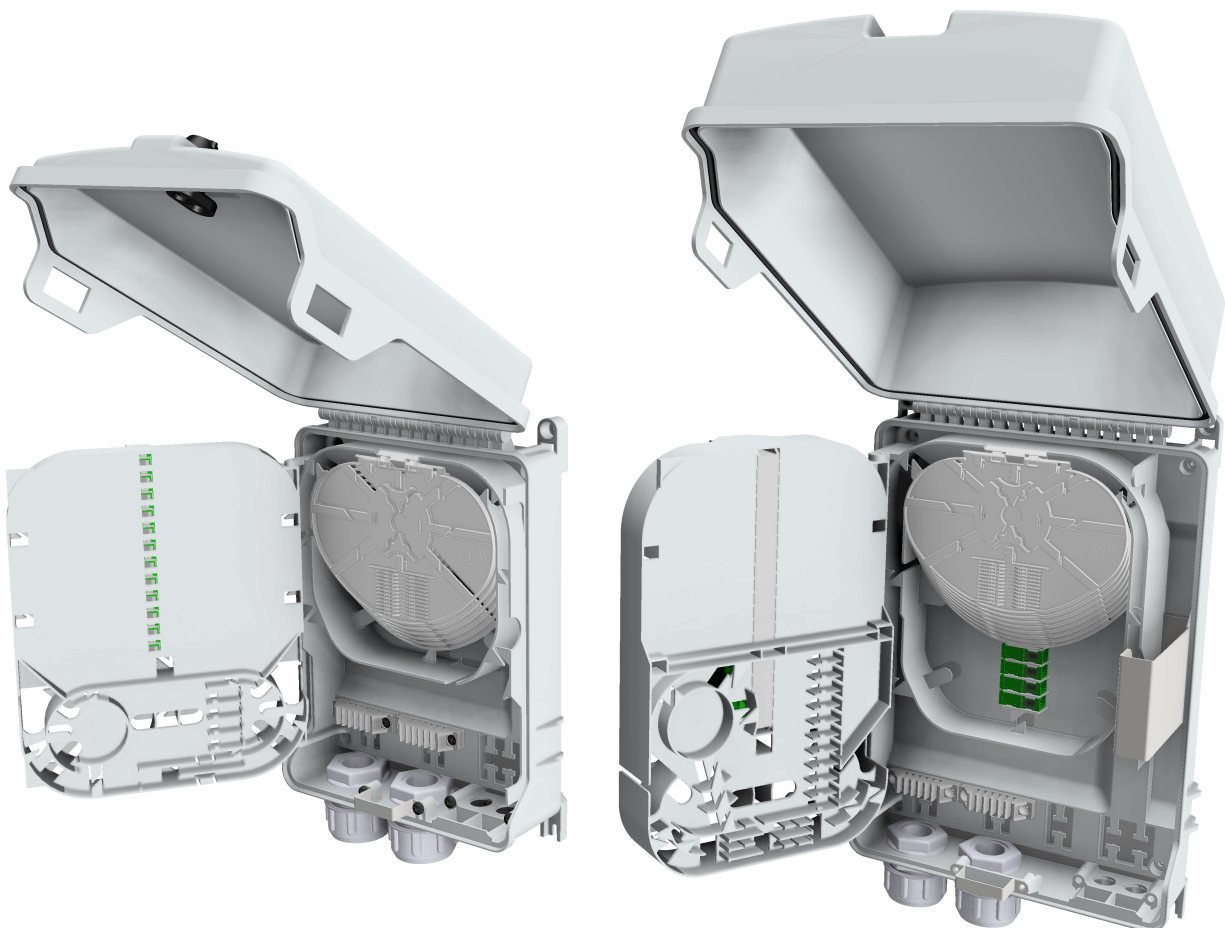
Innovative and compact solution for Outside Plant architecture designed to celebrate 40 years on the market. Compliant with IP55 (EN 60529) and IK10 (EN 50102) standards, it will give you a supreme protection for your optical network.

ADVANTAGES

- > Space saving
- > High density up to 48 terminations
- > Flexible and cost effective solution

APPLICATIONS

- > OSP Networks
- > PON Networks
- > FTTx Networks



CPE Italia Group

thanks to its constant growth in design and development capability, together with a thorough and continuously updated knowledge of technology and processes can propose itself to the Customers as an ideal "TECHNOLOGY PARTNER".

In order to fully support its Customers, CPE Group has created an efficient network made by its own structures and several high-level Partners.

CPE Group can supply modern products for optical and copper multi-wire management systems, microwave measurement instruments, transmission equipment, passive components for high frequencies, waterproof connectors for high voltage and high pressure, etc. This activity offers to customers an additional opportunity to easily get solutions to their problems and needs.



R.&D.

Analysis and study activity aiming to improve an existing product or to develop a new solution.



Production

Process dealing with series production.

R.&D. Group provides to MNFG Dptm the necessary information about qualified components, manufacturing procedures, tools or special tools to be used, sequence of operation to perform including final tests.



Testing

Process to measure properties or performances for a given product.

It is normally carried out:

- >> after the development / modification of a product
- >> after its manufacturing



Supply chain

A network/agreements between the Company and its Suppliers to assure the production activity.

Main objectives to pursue are:

- >> constant availability of components according to Manufacturing plans
- >> «just-in-time» delivery in order to optimize the logistic inventory



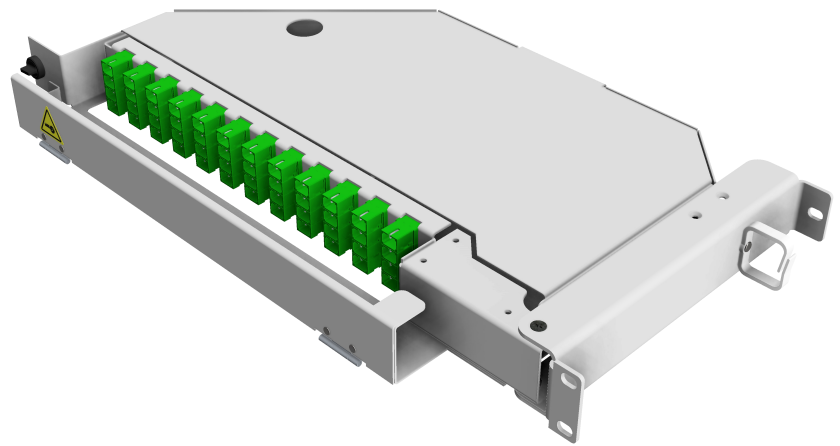
More information are available in the presentation titled "40 years in the connectivity market"

Optical Distribution Frames

Easy and compact Fiber Management System for ETSI rack design to provide modular and flexible connectivity solutions for Data Center and Central Office applications. Designed to provide an easy on-site assembly, they can be you scalable and high density solutions for your network.

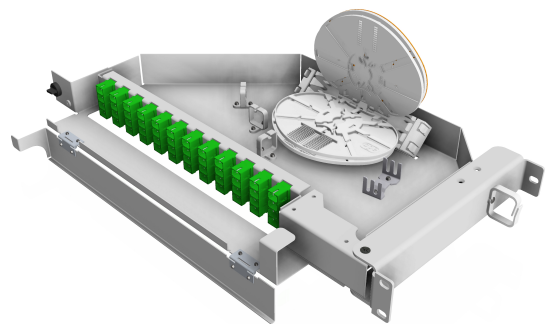
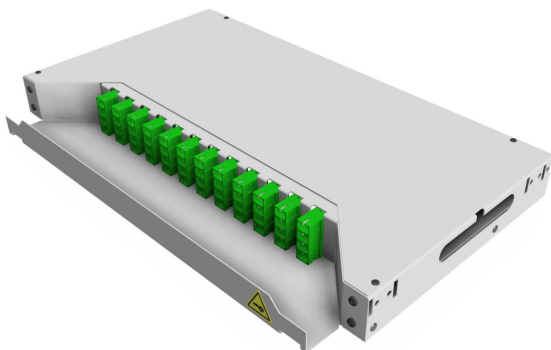


Optical Distribution Frame (ODF)



Pivoting Fiber Module (PFM)

Fiber Management Drawer (FMD)



STP6-8S

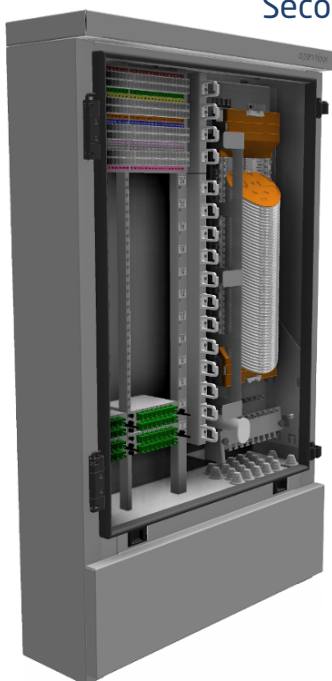


STP3-24S

Fiber Distribution Hubs

Designed to provide the GPON connection between fiber optic cables, passive optical splitters or direct P2P connections, they can help you to make faster and more flexible your FTTx network. Available in different configurations in order to comply with the regulation standards.

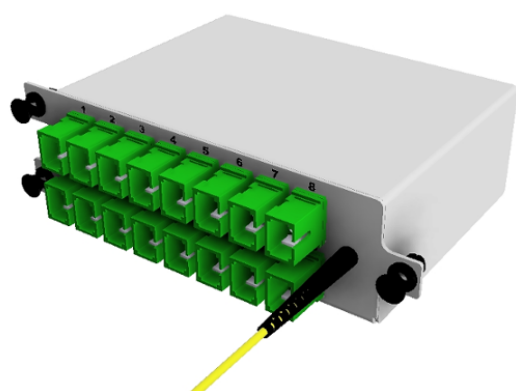
Secondary Flexibility Point (SFP)



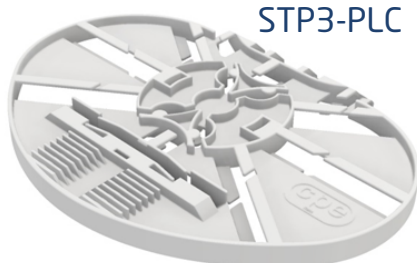
Optical Central Node (OCN)



Splitter Subframe for SFP



STP3-PLC



STP6-24M



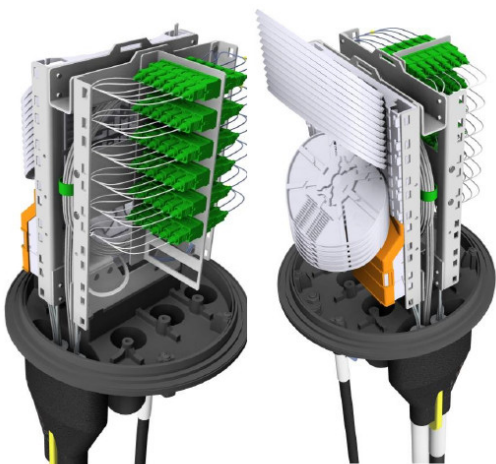
Fiber Closure

Sealed single-ended closures for fiber management system with splicing and housing capability of passive optics components, for outside plants installation (IEC 529, IP 68). Available in a wide range of configuration, they can satisfy all network solutions with one oval port entry and six or eighteen round ports for drop cables.

Fiber Distribution Closure (FDC)



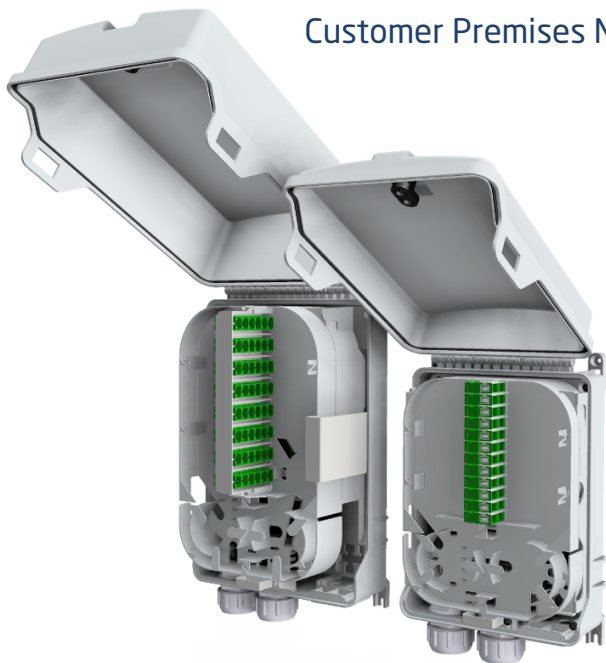
Fiber Termination Closure (FTC)



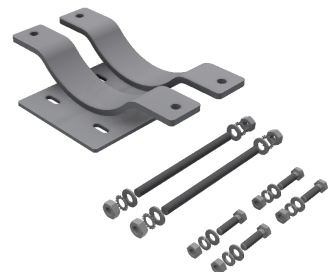
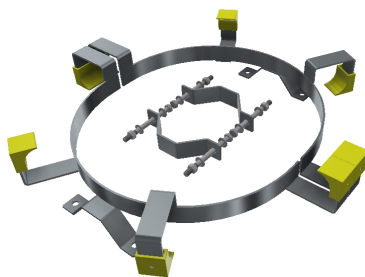
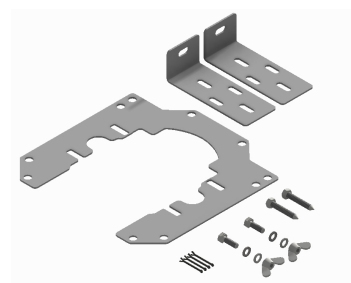
Fiber Management Boxes

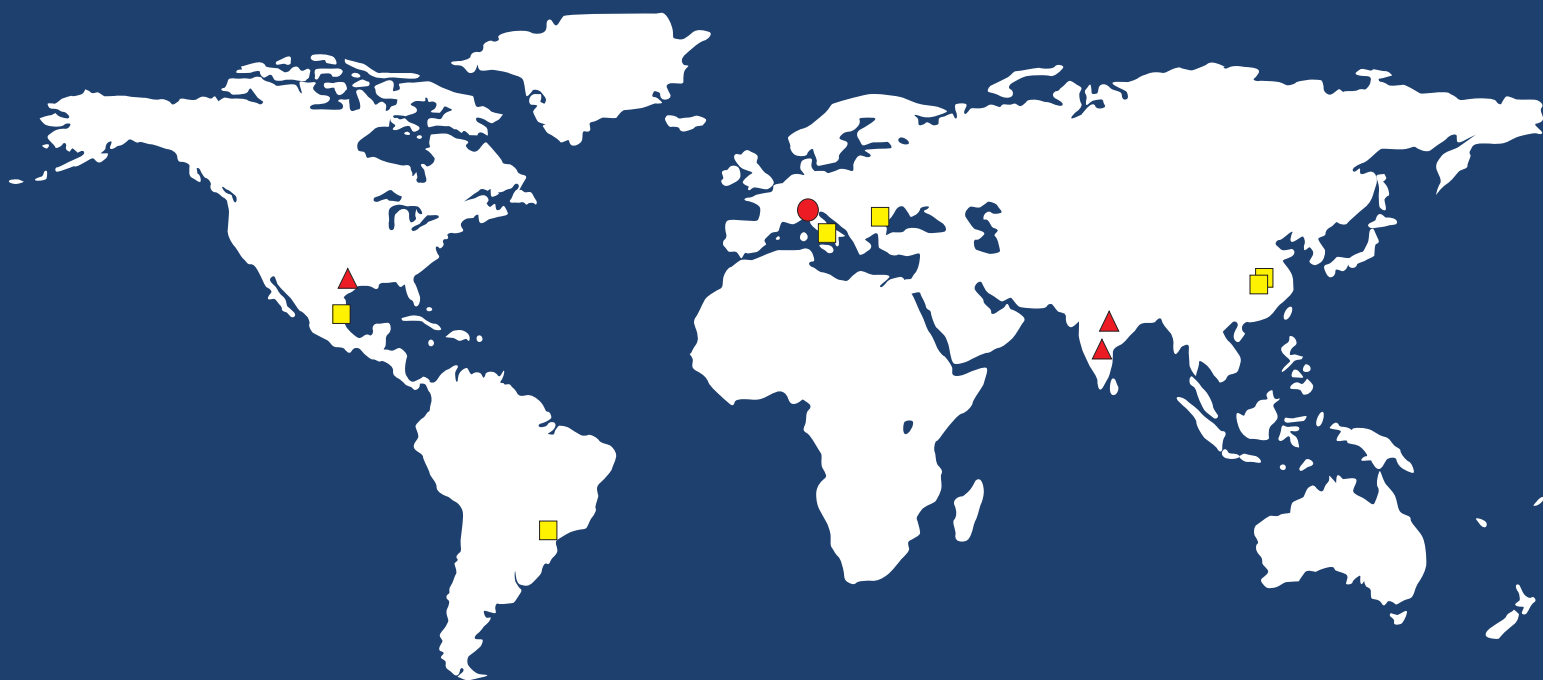
Compact wall enclosures developed for PON and P2P FTTH network architecture. Designed to operate in category C, G and A, according to IEC 61753-1, they can provide mechanical and storage protection for pigtails, fibers, Splices, connectors and other passive optical devices.

Customer Premises Network Termination (CPNT)



Fiber Management Box (FMB)





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