



Modular splicing connectors

CAHORS offers a splicing system you can depend on for highly efficient, **reliable yet highly economical connections**. Of proven technology the modular connectors are used extensively around the world.

The connectors offer solder equivalent connections, delivering low contact resistance. Manufactured with superior materials, the connector exhibits excellent performance in adverse conditions. All the range of 10, 20 and 25 pair modular connectors feature Insulation Displacement Connection (IDC) made from a superior grade of phosphor bronze with tin over copper plating. The range of products are available with splicing rigs which offer simple set-up, systematic and accurate splicing. This results in great time saving and reliable connections.

The modular connectors are available in :

- Straight splicing
- Half tap splicing
- Bridge splicing.



Features

- Built in cut off blades trim excess wire while crimping. Stripping of the conductors are not required
- Testing of conductor pairs made easy with the aid of in-built test access port in the connector
- Full range of products for straight, tap and plugging applications
- Pre-filled modules for protection from humidity and condensation
- Spliced connectors, when applied with sealant box, offers excellent moisture and water resistance.



Benefits

- Multiple simultaneous connections
- Proven products in extreme weather conditions
- Connection quality guaranteed over time
- Quick cabling
- Economic product

> TOOLS



> Built sturdily the failsafe system features :

- Easy to follow instructions
- Increased accuracy and productivity
- Reduces fatigue of craftsmanship
- Different types of splicing job
- Associated accessories enabling testing, re-entry and repair work.

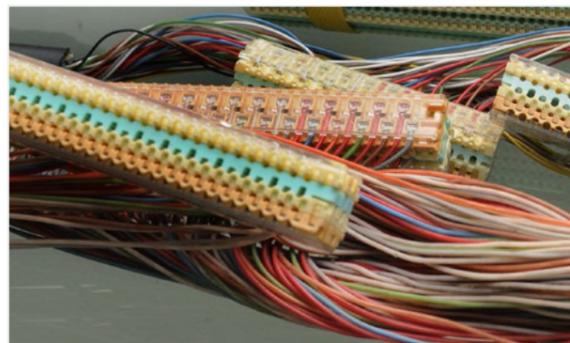
> The system consist of :

- Support tube assembly
- Splicing head assembly
- Hydraulic crimping tool
- Check comb
- Cover removal tool
- Insertion and cut-tool tool
- Pair test plug
- Hand crimping tool



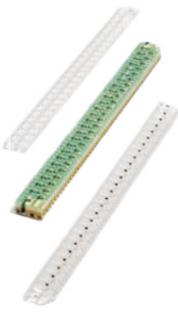
Product Description

Sealant boxes are available for straight splicing and pluggable/bridge connectors. When applied with the tool provided, the special sealant forces into the wire channels and completely floods the connector providing very effective protection against water or moisture.



Simple and economical modular solutions for all type of cable splicing requirements

> 25 PAIR MODULAR CONNECTOR

| Product | Part No | Type | Description / Feature | Cover | Body | Base | Packing |
|---|----------|-------------------|--|-------------|--------------|-------------|---------|
| Conductor diameter range 0.40 to 0.65 mm maximum insulation diameter 1.5 mm | | | | | | | |
|  | 25 SD-T | Straight Splicing | 25 Pair Straight Splicing Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application. | Transparent | Yellow Gold | Transparent | |
| | 25 SF-T | | 25 Pair Straight Splicing Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification. | Transparent | Yellow Gold | Transparent | |
| | 25 SSF-T | | 25 Pair Straight Splicing Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate. | Transparent | Yellow Gold | Transparent | |
|  | 25 SX | | 25 Pair Straight Splicing Modular Connector dry version, made of Polycarbonate. Consisting of sealant box and applicator. For using buried, underground or aerial jointing where resistance to water and high humidity is critical. | Yellow | Yellow Gold | Gold | |
|  | 25 HD-T | Half Tap Splicing | 25 Pair Half-Tap Splicing Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application. No cut-off blades are available in bottom side of connector. Note sealant box use is not possible with Half-Tap splicing modules. | Transparent | Yellow Green | Transparent | |
| | 25 HFT | | 25 Pair Half-Tap Splicing Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification. | Transparent | Yellow Green | Transparent | |
| | 25 HSF-T | | 25 Pair Half-Tap Splicing Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate. | Transparent | Yellow Green | Transparent | |
|  | 25 PD-T | Bridge Splicing | 25 Pair Pluggable Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application. The connector can be mated with the 25 SD or 25 PD-T for transfer or rearrangement. | Transparent | Yellow Blue | Transparent | |
| | 25 PF-T | | 25 Pair Pluggable Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification. | Transparent | Yellow Blue | Transparent | |
| | 25 PSF-T | | 25 Pair Pluggable Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate. | Transparent | Yellow Blue | Transparent | |

Small box = 12 pcs - Carton box = 120 pcs (In multiples of 120 pcs)

Unless and Otherwise stated conductor means Copper conductor.
The use of CAHORS approved crimping tool for installation is required to ensure rapid and reliable connection.

> 20 PAIR MODULAR CONNECTOR

| Product | Part No | Type | Description / Feature | Cover | Body | Base | Packing |
|---|---------|-------------------|--|--------|-------------|------|---|
| Conductor diameter range 0.40 to 0.65 mm maximum insulation diameter 1.5 mm | | | | | | | |
|  | 20 ST | Straight Splicing | 20 Pair Straight splicing module. Made of Polycarbonate. Packing Kit consist of sealant box and applicator tool. For use in buried and underground jointing where resistance to water and high humidity is critical. Compliance to BSNL Modular connector specification. | Yellow | Yellow Gold | Gold | Small pack = 20 pcs Carton box = 500 pcs |
| | 20 HT | Half Tap Splicing | 20 Pair Half tap splicing module. For specific applications. Made of Polycarbonate. Compliance to BSNL Modular connector specification. | Green | Green Gold | Gold | |

> 10 PAIR MODULAR CONNECTOR

| Product | Part No | Type | Description / Feature | Cover | Body | Base | Packing |
|---|---|--|---|--|--------------|--------------|-------------|
| Conductor diameter range 0.40 to 0.65 mm maximum insulation diameter 1.8 mm | | | | | | | |
|  | 10 SD-T | Straight Splicing | 10 Pair Straight Splicing Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application. | Transparent | Yellow Gold | Transparent | |
| | 10 SF-T | | 10 Pair Straight Splicing Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification. | Transparent | Yellow Gold | Transparent | |
| | 10 SSF-T | | 10 Pair Straight Splicing Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate. | Transparent | Yellow Gold | Transparent | |
|  | 10 SX | | 10 Pair Straight Splicing Modular Connector dry version, made of Polycarbonate. Consisting of sealant box and applicator. For using buried, underground or aerial jointing where resistance to water and high humidity is critical. | Transparent | Yellow Gold | Transparent | |
| |  | 10 HD-T | Half Tap Splicing | 10 Pair Half-Tap Splicing Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application. | Transparent | Yellow Green | Transparent |
| 10 HF-T | | 10 Pair Half-Tap Splicing Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification. | | Transparent | Yellow Green | Transparent | |
| 10 HSF-T | | 10 Pair Half-Tap Splicing Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate. | | Transparent | Yellow Green | Transparent | |
|  | 10 PD-T | Bridge Splicing | 10 Pair Pluggable Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application. | Transparent | Yellow Blue | Transparent | |
| | 10 PF-T | | 10 Pair Pluggable Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification. | Transparent | Yellow Blue | Transparent | |
| | 10 PSF-T | | 10 Pair Pluggable Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate. | Transparent | Yellow Blue | Transparent | |

Small box = 20 pcs - Carton box = 500 pcs (In multiples of 500 pcs)

Unless and Otherwise stated conductor means Copper conductor.
The use of CAHORS approved crimping tool for installation is required to ensure rapid and reliable connection.

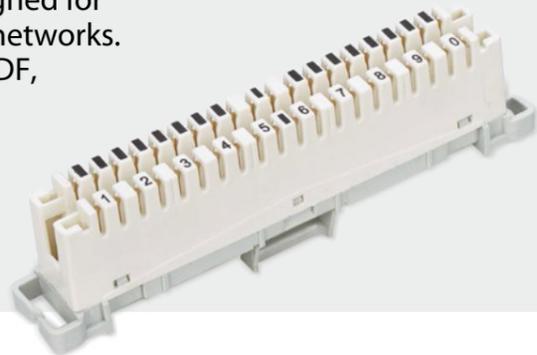


10 Pair Disconnection

TYPE IDC CONNECTOR

CAHORS 10 Pair Disconnection module is designed for telecommunication and data communication networks. Commonly this module is used in inside the MDF, Cabinets, DP boxes.

These modules are designed and built around proven Insulation Displacement Connection (IDC) technology, which holds the wires at a 45° angle.



Benefits

- Technically superior module
- Line testing is possible in both direction
- Robust long-term environmental stability allows both indoor and outdoor installation
- Individual pair disconnection is possible
- Four wire test access
- Fits on all LSA-PLUS back mount frames



Performance

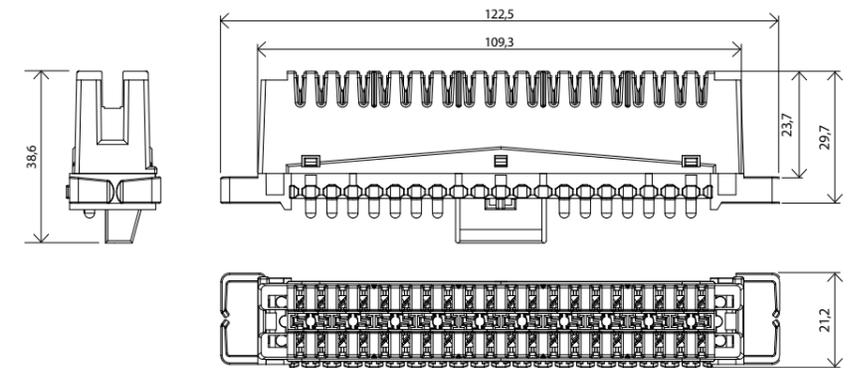
- Contact resistance < 3.0 mΩ
- Insulation resistance: $\geq 3 \times 10^4$ MΩ
- Voltage Proof: 2000 VAC for 60s
- IDC Life: ≥ 300
- Operating Temperature: -20°C to +80°C



Features

- IDC connector. No stripping of insulation for terminations.
- Re-termination accepting IDC.
- Disconnection type Circuit with two piece contacts. These contacts normally closed incorporating disconnection facility.
- Provides a continuous link between permanent wiring and jumper wiring, giving provision for monitoring access and over voltage protection.

> DIMENSIONS (MM)



> CT BLOCK 100 PAIRS EQUIPPED WITH



- 10 Nos of Connection or Disconnection type Modules
- Back Mount Frame
- Designation Module
- Nuts and Bolts for fixing the back mount
- Dust Cover (Transparent)

> ACCESSORIES



- Disconnection plug
- Connection Tool
- Four way test plug with 4 conductor cords
- Two way test plug with 2 conductor cords
- Marking Plugs