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.

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.
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 craftmanship
• 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
Conductor diameter range 0.40 to 0.65 mm maximum insulation diameter 1.5 mm

<table>
<thead>
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<tbody>
<tr>
<td>25 SD-T</td>
<td>Straight Splicing</td>
<td>25 Pair Straight Splicing Modular Connector dry version, made of Polycarbonate. For pressurized joints and specific application.</td>
<td>Transparent</td>
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<td>25 SF-T</td>
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<td>25 Pair Straight Splicing Modular Connector pre-filled with sealant, made of Polycarbonate. Compliance to Telcordia (Bell Core) Technical Specification.</td>
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<tr>
<td>25 SX</td>
<td>Straight Splicing</td>
<td>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.</td>
<td>Yellow</td>
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<td>Gold</td>
<td>Transparent</td>
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<tr>
<td>25 HD-T</td>
<td>Half Tap Splicing</td>
<td>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.</td>
<td>Transparent</td>
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<td>25 HFT</td>
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<tr>
<td>25 PD-T</td>
<td>Bridge Splicing</td>
<td>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.</td>
<td>Transparent</td>
<td>Yellow</td>
<td>Blue</td>
<td>Transparent</td>
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<td>Bridge Splicing</td>
<td>25 Pair Pluggable Modular Connector pre-filled with special non-sticky silicon based gel, made of Polycarbonate.</td>
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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

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<tr>
<td>20 ST</td>
<td>Straight Splicing</td>
<td>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.</td>
<td>Yellow</td>
<td>Yellow</td>
<td>Gold</td>
<td>Small pack = 20 pcs. Carton box = 500 pcs</td>
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### > 10 PAIR MODULAR CONNECTOR

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The use of CAHORS approved crimping tool for installation is required to ensure rapid and reliable connection.
CAHORS 10 Pair Disconnection module is designed for telecommunication and data communication networks. Commonly this module is used 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

**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.

**Performance**
- Contact resistance $< 3.0 \, \text{m} \Omega$
- Insulation resistance: $\geq 3 \times 10^4 \, \text{M} \Omega$
- Voltage Proof: 2000 VAC for 60s
- IDC Life: $\geq 300$
- Operating Temperature: -20°C to +80°C

**DIMENSIONS (MM)**
Subscriber Connection Modules

CAHORS offers multiple products for connecting subscribers. Subscribers can be connected to multiple points on the telecommunications network:

- **External:** in roadside cabinets, overhead cabinets or pillar cabinets
- **Internal:** VDI (Voice/Data/Image) box, building distribution point

CAHORS therefore offers a connection module panel tailored to every need and to the practices in force in each country.

**Benefits**
- Module 1 subscriber with reusable protective gel
- Module 1 subscriber with a screw connection
- Implementation accessories