

LARGE BRAID CONNECTORS

Cabletec is established as a specialist manufacturer of a range of large braid connectors, also known as 'Shunt' connectors with cross-sectional areas of up to 1000mm² and current carrying capacities in excess of 1800 amps. These larger style connectors are designed for heavy-duty applications as flexible current carrying connectors requiring excellent resistance to vibration. Robust, durable and flexible, they find applications in power distribution, turbines, electrified trains and rail systems as alternatives to solid bus bars.

Manufactured from bare copper, tin-plated copper or stainless steel, shunt style braid connectors can be supplied with or without a polymeric insulation for mechanical protection and electrical insulation and with customised pressed 'palm' style terminals to suit the intended application.

In addition, multi-layering techniques incorporating layered braids either stacked or side-by-side can increase their cross-sectional area still further, increasing their current carrying capacity whilst still maintaining their unique flexibility.



Availability

Cabletec has full design and manufacturing facilities to produce customised braid connectors with low MOQs and short lead times.

For further details please contact
Cabletec's sales office.



High Current Carrying Flexible Connectors

Large braid connectors, also known as Shunt connectors or Flexible Bus Bars are used extensively throughout the power industry in power stations, sub-stations, across European electricity distribution grids and in other industries where high electrical currents exist.

They are used as flexible links and flexible switchgear connections for high-current applications. Their unique flexibility is often the only solution in instances where solid copper bus bars are prone to mechanical failure due to vibration stresses created by the very high currents involved or by movement of the installation itself.

The many and diverse design options available for Cabletec's range of large braid connectors are too numerous to detail in this catalogue; each connector is unique and designed specifically for its intended application. We highly recommend that in order to ensure a fast and accurate quotation, a drawing or specification is submitted to Cabletec for analysis.



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Termination

- Bespoke pressed ferrules
- Straight or angled
- Multiple fixing holes or slots
- Silver, Nickel or Tin plating options
- Designed for optimum conductivity, minimum voltage drop and maximum vibration resistance

Insulation

- Polymeric insulation for electrical and mechanical protection
- Medium and high voltage grades available
- Zero-halogen option for low fire hazard applications

Identification

- Permanent marker for part identification
- Zero-halogen option for low fire hazard applications

Special Options

- Multi-layered braids (multi-pass or parallel stacked)
- Stranded rope style braids



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