



mettex



Braids, Strands & Flexible Connectors



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Features

- Complete product ready to fit
- Custom built to meet specific mechanical and electrical performance criteria
- Option to manufacture to drawing or replicate existing product
- Current ratings up to 400A
- Very wide range of terminations available to suit all requirements
- Can be supplied with solder 'water block' barrier to prevent moisture absorption
- Available with various types of insulation
- Option to fit identification markers

Choice of Materials

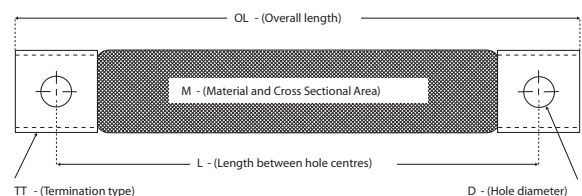
- Electro tin-plated copper
- Plain copper
- Nickel-plated copper
- Stainless steel
- Alternative non-ferrous & ferrous materials on request

Flexible Connectors

Custom made for form and fit to meet individual unique applications. Flexible connectors are made from either braid or strand and suitably terminated. When called for, flexible connectors are supplied insulated for protection and identification purposes.

Where the continuous current rating is likely to exceed 400 amps then this is generally accommodated within our Flexible Busbar range of products.

Technical assistance is available to ensure **Mettex** supplies the optimum solution for your specific application.



How to order

When ordering Connectors, please supply the following information:-

- OL – Overall length
- L – Length between hole centres
- D – Hole diameter
- M – Material and cross sectional area
- TT – Termination type



Terminations

A wide range of termination types is available. This ensures that the correct mechanical bond between the conductor and the fixing down point is attained.



DESCRIPTION	BENEFITS AND FEATURES
 <p>FLAT TUBE COMPRESSED FERRULE</p>	<ul style="list-style-type: none"> - Excellent mechanical properties: compaction creates a solid end - Compressed onto braid without altering braid dimensions - Maximum conductivity with minimum volt drop = reduced thermal resistance - Ends can be drilled, milled, machined and profiled to meet mechanical demands - Custom design configurations for individual applications
 <p>CRIMP TERMINAL</p>	<ul style="list-style-type: none"> - Economical solution for low current applications - Wide range of sizes held in stock - Varying types to meet most applications – tube, ring, sheet, bootlace - Insulated options available - Option to fit customer nominated versions
 <p>SWAGED FERRULE</p>	<ul style="list-style-type: none"> - Customised for dimensionally critical applications i.e. distribution boards - Reduced assembly costs - Excellent conductive performance - Minimal heat-rise - Varying lengths, diameters and profiles
 <p>ULTRASONICALLY WELDED ENDS</p>	<ul style="list-style-type: none"> - Low cost alternative to the swaged ferrule - No reduction in technical performance - Forms solid end throughout the whole of the material - Consistent results – ultra low rejects - Lower unit costs owing to high manufacturing productivity
 <p>SOLDER DIPPED ENDS</p>	<ul style="list-style-type: none"> - Alternative to compressed ferrules - Suitable for low current applications - Excellent electrical performance - Provides direct contact with conductor - Acts as a moisture block
 <p>SPECIAL TERMINATIONS</p>	<ul style="list-style-type: none"> - Custom designed solutions for bespoke applications - Built for optimum results - Reduces technical risk for critical applications - Modified standard options utilising stock components - High current applications e.g. 480mm² 32kA earth terminal

SLEEVING BRAID

FLEXIBLE CONNECTORS

FLEXIBLE BUSBAR/FLAT & ROUND BRAIDS

STRAND/MESH/STOCKING BRAID

OVERBRAIDING