

## Grounding Connectors and Accessories

### Flexible Braids for Continuous current, Grounding and Bonding Applications (i.e: Cable Tray)

Standard construction using 30 AWG individual wires are suitable for medium duty applications. If needed, all constructions and/or configurations in this Guide, can be supplied using 36 AWG for extra flexibility.

#### Rating of the Connectors

It is important to note that the Ampere ratings in this Guide are suggested for use as a guide only. If needed, we can certify ampacity of all connectors with our top of the line automatic heat cycle laboratory using CEI60694 standards. Performance certificate gives you the assurance that our connectors are suitable for your application. Actual values used for a given application will depend on such factors as temperature rise, number of braids, voltage ratings and other conditions of service need to be verified by application engineers.



#### Length of the assemblies

All braid lengths are measured in inches and are measured from end to end. The last digits of the part numbers determine the length of the connector. (i.e.: FBD12, "12" = 12 inches)



#### Ferrules and Plating

Ferrules are made of high conductivity seamless 99.9% pure copper that are electro-tin plated prior to forming on each end of the assembly. This procedure is important to eliminate surface corrosion between the inside of the ferrule and the braids before compression can affect the connector's performance.

For increase pad conductivity, 30, 50 or 100 microns Silver plated ferrules are available. Nickel plating or bare copper is also available upon request.



#### Options

For special requests, provide a copy of your drawing with your specific requirements so we can conceive and build the flexible connectors to your exact specifications.

If needed, a wide range of insulation products are available depending on the application, voltage and temperature ratings.