

Overview

Flexible braids for continuous current, grounding and bonding applications (i.e., cable tray)

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

Rating of the connectors

It is important to note that the ampere ratings in this section are suggested for use as a reference only. If needed, we can certify ampacity of all connectors in our top-of-the-line automatic heat cycle laboratory using CEI60694 standards. The 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 that need to be verified by application engineers.

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 increased pad conductivity, 30, 50 or 100 micron silver-plated ferrules are available. Nickel plating or bare copper also available upon request.

Length of the assemblies

All braid lengths are measured in inches and are measured from end to end. The last digits of the cat. no. determine the length of the connector (i.e., FBD12, "12" = 12 in.).

Options

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

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

