Extended Ferrule Cable Connectors

Features & Benefits

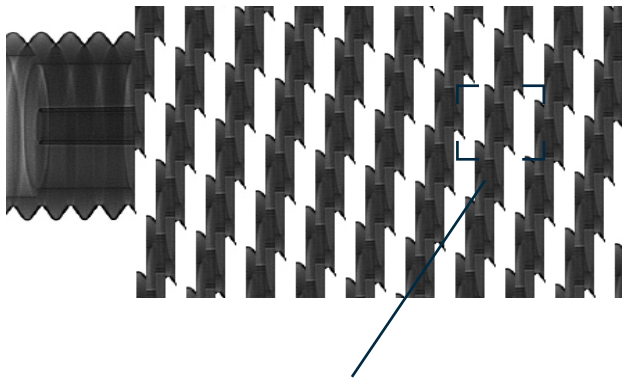
- Longer-length ferrule protects solder joints
- Increases durability for use in the field
- Replaces the need for shrink tubing
- Allows aggressive bends

Applications

- High Vibration Environments
- Military and Aerospace
- Test and Instrumentation
- Industrial

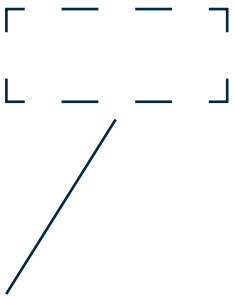
Why Are Extended Ferrule Cable Connectors Important?

Solder wicking is when solder wicks up the cable braid during assembly. This creates a brittle section of cable immediately behind the connector ferrule that is exacerbated on small diameter, flexible cable. Even with strain relief, this section of the cable is susceptible to breakage with aggressive handling or bending. SV's Extended Ferrule Cable Connectors reduce cable damage by containing the solder wicking within the cable ferrule. This allows for a bend to be made immediately after the connector.



Exposed solder wicking, susceptible to cracking with aggressive bending

Figure 1: Cable assembly with damage caused by bending in the solder wicking area



Solder joint protected by ferrule to prevent damage

Figure 2: Cable assembly with extended ferrule cable connector, with no damage

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