

Engineered, Custom Fabrication

Repair, refurbishment, and replacement
of OEM parts and components



Avail's in-house and onsite custom fabrication capabilities provide value-added engineering for cost-efficient solutions unavailable from other bus system suppliers. Our long history of knowledge and experience with all bus brands allows us to extend asset life through custom-fabricated parts for bus duct repair, refurbishment, or replacement projects.

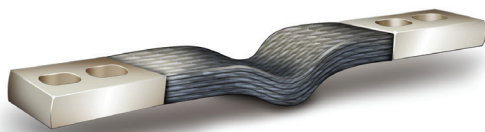
We offer a variety of custom fabricated parts and components, and our team can reverse engineer exact replacement parts:

- Custom fabricated OEM parts and components
- Custom connectors, flexes, and spare parts
- Reverse engineer exact replacement parts
- Re-design fabrication of emergency parts
- Refurbishment of existing parts or obsolete parts



Custom-fabricated flex connectors

Avail has the experience and the technology to fabricate custom copper rope-lay and braided flex connectors for bus terminations, jumpers, and grounding applications. Our braided connectors can be made to exact specifications to provide flexible electrical connections and dampen vibration.



Custom-fabricated insulated bus bars

Avail Bus Systems' in-house insulated copper bus bars are manufactured from solid copper or aluminum conductors with a uniform epoxy coating—our engineers custom manufacture to meet the most demanding applications. Avail's advanced CNC technologies enable us to maintain tight control over quality to fit our customers' exact or OEM specifications.



Improved grounding benefits:

- Reduces chances of flashover and short circuits that cause damage to equipment and costly outages
- Protection of conductors in industrial facilities with high amounts of trace materials
- Resistance from surface corrosion and defects



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