

ASSEMBLIES DIVISION

SOLUTIONS **Copper Cable Assemblies**



Copper Cabling

Transmit electrical signals between communications or electromechanical devices.

Custom Cable full service Copper Connectivity, offers an array of cable assemblies built to connect many different devices. At their essence, our assemblies bring together copper cables terminated with application-specific connectors. They can connect:

- The computer on your desk to your printer, your modem or LAN network, and to the Internet—bringing worldwide information to your monitor.
- HD television from your communications company— for the best possible picture on your TV via the link between your television and the set-top box.
- Your telephone and its caller ID feature, voicemail, billing— even for wireless phones.
- The inside of airport baggage X-ray machines—making travel safer, and tracking baggage so it can arrive in the right destination.

Custom Cable Advantage

Our decades of experience, comprehensive capabilities, and financial stability (through ownership by a Fortune 500 company) enable us to fulfill nearly any copper cable assembly need—small or grand in scale.

- Central offices
- Air traffic control towers
- Network equipment
- Data centers

Considerations

Copper assemblies are often preferred in short-distance, relatively low bandwidth applications because of their low material cost, low transmitter and receiver cost, ease of splicing and ability to carry electrical power as well as signals.

Types of Copper Connectivity Solutions

Copper:	Connectivity:
Telecom—Central Office <ul style="list-style-type: none"> ■ DS0/DS1 – Champ and RJ48 ■ DS3 Coaxial Cables ■ DSL Cables ■ DC Power Harnesses 	RF—Radio Frequency Audio/Video Assemblies, HDTV USB SCSI
Ethernet Cables <ul style="list-style-type: none"> ■ Category 5E Patch Cables ■ Category 6 Patch Cables ■ Trunk Cables ■ Custom and Standard Lengths 	Modular Adapters Electro-Mechanical <ul style="list-style-type: none"> ■ Wiring Harness ■ OEM
Desktop Cables	We also offer cables functionally equivalent to those offered by Adtran, AFC, Alcatel, ADC, Cisco, Calix, Fujitsu, and others.
Serial Cables <ul style="list-style-type: none"> ■ V.35 ■ RS232 	Patch Panels Data Racks Data Cabinets Wire Management Bulk Cable Transceivers Modular Zone Solutions Wall Outlets Surge Protection Test Equipment and Tools