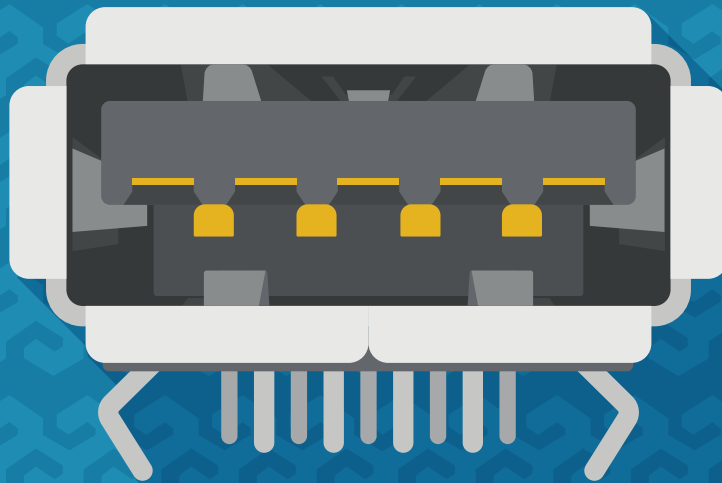


**CUI** DEVICES

# ***Interconnect***

*Connectors & Cable Assemblies*



# QUALITY CONNECTIONS, SIMPLIFIED

Accelerating technological advances are allowing individuals across the globe to connect like never before. Comprised of audio, circular, dc power, DIN, HDMI, modular, RCA, USB, and terminal block connectors as well as USB cables and ac power cords, our interconnect line aims to reduce the burden on the design engineer through easy access to support tools such as an advanced product search, detailed CAD model library, and complete RoHS documentation. With reliable and proven solutions across a range of market segments, our interconnect products are allowing the world to connect in new ways.

## Waterproof Interconnect Solutions

Designed to protect against moisture and other environmental contaminants, CUI Devices offers a range of audio, circular, dc power, and USB connectors with Ingress Protection (IP) ratings of IP67. With a variety of configurations, CUI Devices' waterproof connector products give engineers additional flexibility when designing for industrial, outdoor, or any application where environmental factors may be a concern.



## Engineering Tools



### Parametric Search

With thousands of connectors and cable assemblies to choose from, utilize our online parametric search tool to quickly find and compare models based on your key specifications.



### CAD Model Library

CUI Devices' library of ready-made 3D models and PCB footprints helps to streamline the design process, saving you precious time and resources. Users can view and download files in all major mechanical CAD formats free of charge.



### Connector Mating Tool

Available for all CUI Devices interconnect products, our connector mating tool makes it quick and easy for users to find compatible jacks, plugs, and receptacles with pre-filtered suggestions offered on each individual product page.

[View these and more helpful resources at www.cuidevices.com/resources](http://www.cuidevices.com/resources)



## Global Stock Availability

Our network of global distribution partners provides you with quick and easy access to thousands of interconnect products, ready to ship same day across the globe.

# INTERCONNECT PRODUCT LINE



## Audio

### 2.5, 3.5 & 6.35 mm Standards

- Jack, plug, receptacle & inline adapter types
- Numerous mounting styles
- Vertical & horizontal orientations
- Shielding & internal switch options
- Multiple color insulator options
- 2 ~ 6 conductors
- Heights as low as 2.9 mm
- Widths as small as 4.5 mm
- Waterproof models up to IP67



## Dc Power

### 1 ~ 13 A Current Ratings

- Jack, plug, power DIN & receptacle types
- Numerous mounting styles
- Vertical & horizontal orientations
- Shielding & internal switch options
- 2, 3 & 4 conductors
- Heights as low as 3 mm
- Widths as small as 4.2 mm
- 0.5 ~ 5.5 mm center pin diameters
- Waterproof models up to IP67



## USB

### 2.0, 3.2 & Power-Only

- Plug & receptacle connector types
- Numerous mounting styles
- Vertical & horizontal orientations
- Multiple color insulator options
- A, B, Micro AB, Micro B, Mini AB, Mini B & C USB types
- Operating temperature ranges up to -40 ~ 85°C
- Reliability as high as 10,000 mating cycles
- Waterproof models up to IP67



## Circular & DIN

### 3 ~ 13 Contacts

- M12, mini & standard circular formats
- Jack & plug connector types
- Numerous mounting styles
- Vertical & horizontal orientations
- Waterproof models up to IP67



## Modular

### RJ10, 11, 12, 13 & 45 Types

- 4P4C, 6P2C, 6P4C, 6P6C, 8P8C & 8P10C position and contact options
- Single port, 1x2, 2x4, 2x6 & 2x8 ports
- SMT, panel mount & through hole mounting styles
- RJ45s offer integrated magnetics, PoE, LEDs & 10/100 or 10/100/1000 speeds



## Terminal Blocks

### Up to 24 Pole Options

- Screw, pluggable & screwless types
- Horizontal, vertical, 45° & 180° orientations
- 2.54 ~ 10 mm pitches
- Multiple color options
- High temperature models up to 130°C



## HDMI

### HDMI 2.1 Standard

- Plug & receptacle connector types
- Type A and mini versions
- Numerous mounting styles
- Horizontal, vertical, or vertical/right-angle orientations



## RCA

### 1 ~ 6 Ports

- Jack & plug connector types
- Numerous mounting styles
- Vertical & horizontal orientations
- Black, blue, green, orange, red, white & yellow color insulator options



## Cable Assemblies

### Ac Power Cords & USB Cables

- USB Type A, Type B, Micro B, Mini B & Type C plugs & receptacles
- North America, EU, UK, Australia, China & Japan plug options (C8 & C14)
- Multiple cable lengths & color options

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