

Worldwide Presence  
Engineering Expertise  
Leading Edge Technology  
Award Winning Support  
Commitment to Quality

**your one source Ethernet connectivity solution**



Single & Multiport MagJack® Connectors

Single & Multiport Passive Jacks

Tab Up – Tab Down Modular Jacks

Modular Plugs

ARJ45™ / CAT7a Connector

MRJ21 & RJ point five Cable Assemblies

LED Jacks

# Stewart Connector

## At-A-Glance

*The Bel/Stewart Connector product offering ...  
has found its way into every major market*

CONCEPTUAL – PROTOTYPING – EVALUATING – SECOND SOURCING

**MEDICAL**

Diagnostic  
Surgical Equipment  
Patient Monitoring  
Hand Held Devices  
Surgical Generators  
In-Home Dialysis

**NETWORKING**

Data Center Switching  
Routers  
Servers & Server I/O  
Server Blades  
100G Core Switches  
NIC Cards  
3U Top Rack & End of Rack  
40G Firewall  
Patch Panels & Wiring  
Closet

**TELECOM/DATACOM**

Set-Top Boxes  
Home Hub  
Cell Phones  
Satellites  
Bay Stations  
PBX  
Optical Networking  
Hand Held Devices

**CONSUMER**

Digital Cameras  
Video Recorders  
GPS-Navigation  
Portable Media Player  
Game Controllers  
Projectors  
LCD Televisions  
Hand Held Devices

**TRANSPORTATION**

On Road  
Off Road  
Automotive  
Aerospace  
Agricultural  
Construction  
Mat'l Handling  
Marine  
Stationary Engines  
Engine Control

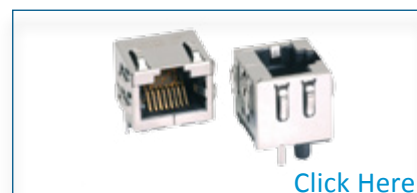
**MRJ21 CABLE ASSEMBLIES & PATCH PANELS**

- 1.5 - 3x port density of RJ45
- Provides Gigabit Ethernet connectivity
- Multiple end configurations available



**CAT6a MODULAR JACKS**

- Patented design improves NEXT performance
- 180, 90 and 45 degree versions available
- Designed for CAT6a 500 MHz requirements



**CAT6a MODULAR PLUGS**

- Ideal for patch cords in 10GBase-T systems
- Strain relief boots provide latch protection
- Available in shielded and unshielded solutions



**ARJ45 CONNECTOR SYSTEM**

- Meets IEC 60603-7-71 standard for CAT7a
- For Ethernet applications beyond 10GBase-T
- Patented design for high speed applications



**STANDARD MODULAR PLUGS**

- 2 thru 10 contact versions available
- Multiple keying options available
- Shielded and unshielded versions



**EPP PROTECTION**

- Extends the life of the contact assembly
- Prevents Corrosion
- Contains a UV Tracer



**CUSTOM CONNECTOR CAPABILITIES**

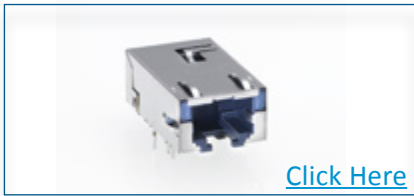
- Let the Stewart Connector engineers help you design our next Ethernet I/O solution.



For products that meet global safety standards, design in Bel's circuit protection devices! Parts are UL, CSA, PSE, CCC, VDE and Semko approved.



CONCEPTUAL – PROTOTYPING – EVALUATING – SECOND SOURCING



**SINGLE PORT & 1xN MagJack® ICM**

- Shielded or Unshielded 10/100 – 10G
- Available with LED's & Vertical configurations
- Available in PCB Thru Hole Mounting



**2xN HIGH DENSITY MagJack® ICM**

- Capable of LEDs, PoEp, and 10/100-10G magnetic designs
- Reduce EMI thru filtering and low impedance paths
- Designed to interface with common PHY combinations



**PASSIVE STACKED & HARMONICA JACKS**

- Available shielded or non-shielded
- Available with multiple shielding options
- Available in 2-16 ports – 10/100/1000



**PIN IN PASTE / PASTE IN HOLE HIGH TEMP JACKS**

- Compatible with industry standard reflow profiles
- Available in 1-8 Ports – 10/100/1000 Base-T
- Optional LED's



**RJ point five Cables and Connectors**

- Double density of standard RJ45 connectors
- Point to point and hybrid RJ45 cables available
- Ultra-low profile single port jacks



**RIGHT ANGLE WITH LED**

- User definable LED color - 10/100-1G
- Shielded or Unshielded
- Available in Thru Hole



**PASSIVE VERTICAL JACKS**

- Shielded or Unshielded
- Available with LED's
- Available in PCB Thru Hole Mounting

**POWER MODULES**

- Std Brick Converters
- Boost Converters
- Non-Isolated POL Modules
- Voltage Regulator Modules
- Power Controller
- Specialty Converters
- Tunable Loop™

**CIRCUIT PROTECTION**

- Glass Fuse
- Ceramic Fuse
- Axial Leaded Fuses
- Radial Thru Hole
- PTC Resettable Fuse
- Ultra Mini SMT Fuses

**INTERGATED BROAD BAND**

- xDSL Splitters
- T1/E1/J1 Modules
- RF Diplexer Modules
- Powerline Modules
- Small Foot Print Modules

**INTERCONNECT**

- Cable Assemblies
- Terminal Blocks
- Micro D Connectors
- D-Sub connectors
- Z Axis Compress Interfacing
- Circular Connectors
- Mezzanine Connectors
- Card Edge Connectors
- Power Connectors
- Transportation Enclosures
- MIL/AERO Interconnect

**ETHERNET CONNECTIVITY**

- Harmonica Jacks
- Cable Jacks
- Plugs
- Stack Jacks
- Shielded
- Vertical & R/A Jacks
- Pwr over Ethernet Modules
- Gigabit Ethernet
- 10/100 Base –TX
- 10 Base-T
- Punch Down Blocks

### Stewart Connector

11118 Susquehanna Trail South  
Glen Rock, PA. 17327  
Tel: 717-235-7512  
Fax: 717-235-4675

#### Local Support

Our regional sales offices are ready to provide expert local applications and sales support. In addition, an extensive network of manufacturers' representatives and distributors bring our products to you. Please call for locations of sales offices near you or visit our website at

[www.belfuse.com](http://www.belfuse.com)



#### Bel Power

1155 Flanders Road  
Westborough, MA. 01581  
Tel: 508-870-9775  
Fax 508-870-9796

#### Cinch Connectors

1700 Finey Road  
Lombard, IL 60148  
Tel: 800-323-9612  
Fax: 630-705-6060

#### Stewart Connector

11118 Susquehanna Trail South  
Glen Rock, PA. 17327  
Tel: 717-235-7512  
Fax: 717-235-4675

#### Signal Transformer

500 Bayview Avenue  
Inwood, NY 11096-1792  
Tel: 516-239-5777  
Fax: 516-239-7208

For the *Fastest* way to find just the right solution for

CIRCUIT PROTECTION – POWER CONVERSION – INTERCONNECT – MAGNETICS – BROADBAND – ETHERNET CONNECTIVITY

[www.belstewart.com](http://www.belstewart.com)