Stewart Connector

modular interconnect products



Modular Jacks

Features / Benefits

- Minimum of 750 insertion cycles
- UL 94-V0 plastic
- Preloaded, formed wire contacts offer superior mechanical and electrical performance
- 45 degree, 90 degree, 180 degree, multi-port, and cable-ready versions available

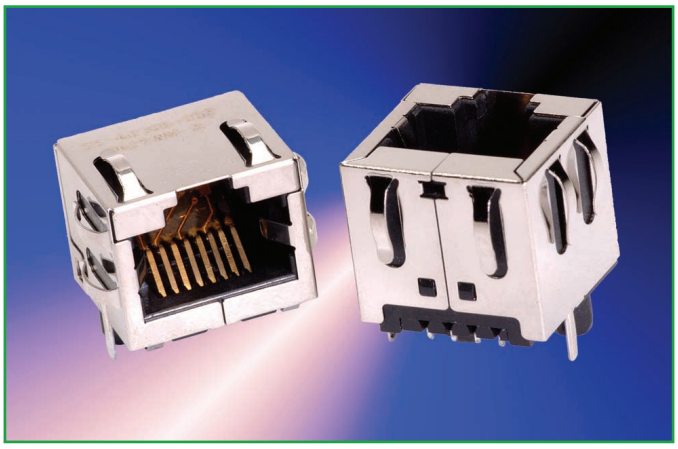
ARJ45™ Category 7a

SS-77100-004 - Single port, horizontal, shielded jack

CA77-XXXM0-8 - Cable assemblies, up to 10 meters

Features / Benefits

- Meets IEC 60603-7-7 standard for Category 7 performance up to 600 MHz
- Meets proposed Category 7a standard for increased frequency up to 1000 MHz
- Meets IEC 60603-7-7 Category 7 interface standards and is compatible with Nexans GG45 connectors
- Includes built-in strain relief boot and anti-snag feature for plug tab protection



Part Number	Orientation	Shield Type
SS-60300-014	180 Degree	Panel Grounds
SS-60300-016	180 Degree	No Panel Grounds
SS-60300-017	180 Degree	Unshielded
SS-60300-002	90 Degree	Panel Grounds
SS-60300-004	90 Degree	No Panel Grounds
SS-60300-021	90 Degree	Unshielded
SS-60300-023	45 Degree	Panel Grounds
SS-60300-024	45 Degree	No Panel Grounds

Category 6a

SS-60300 Series - Shielded and unshielded

Features / Benefits

- Integrated, flexible PCB design (patent pending) helps cancel Near End Cross Talk (NEXT)
- 45 degree, 90 degree, and 180 degree shielded and unshielded versions available
- Designed to meet Category 6a 500 MHz requirements
- Designed for use in 10Gigabit Ethernet applications

Category 6 Jacks

SS-60000 Series - Shielded and unshielded

Features / Benefits

- Through hole jacks for PCB soldering
- Designed for Category 6 patch panel and wall jack applications
- Patented design of contacts creates consistent performance for use in Category 6 applications
- 45 degree, 90 degree, and 180 degree shielded and unshielded versions available

Part Number	Orientation	Shield Type
SS-60000-008	180 Degree	No Panel Grounds
SS-60000-007	180 Degree	Unshielded
SS-60000-009	90 Degree	No Panel Grounds
SS-60000-010	90 Degree	Unshielded
SS-60000-011	45 Degree	No Panel Grounds
SS-60000-014	45 Degree	Unshielded

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Modular Jacks

RoHS 2002/95/EC

Features / Benefits

- Minimum of 750 insertion cycles
- UL 94-V0 plastic
- Preloaded, formed wire contacts offer superior mechanical and electrical performance
- 45 degree, 90 degree, 180 degree, multi-port, and cable-ready versions available



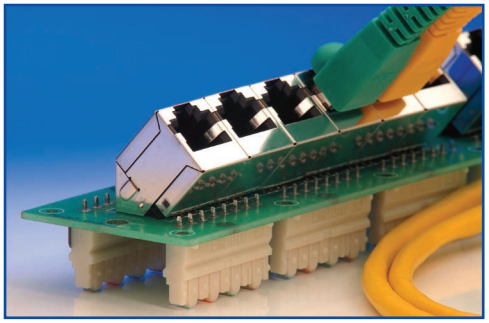
Category 5E Jacks

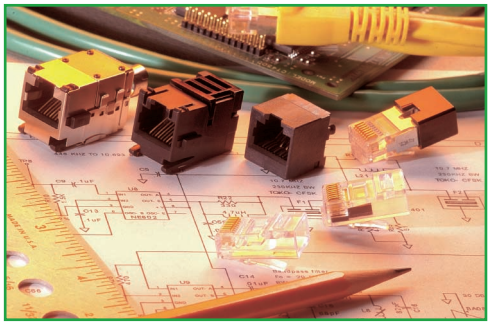
SS-71 Series - Unshielded

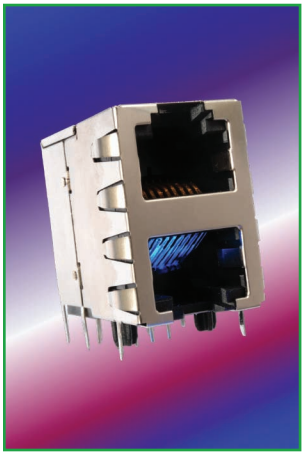
Features / Benefits

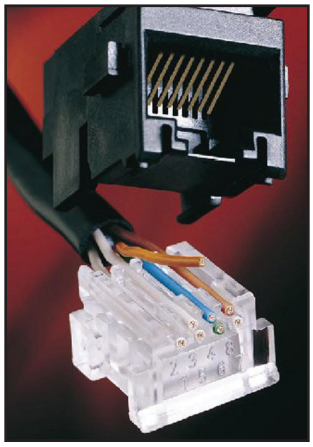
- Through hole jacks for PCB soldering
- Designed for Category 5E patch panel and wall jack applications
- 45 degree, 90 degree, and 180 degree shielded and unshielded versions available

Part Number	Orientation	Shield Type
SS-7188VS-A-NF	180 Degree	No Panel Grounds
SS-7188V-A-NF	180 Degree	Unshielded
SS-7188S-A-NF	90 Degree	No Panel Grounds
SS-7188-A-NF	90 Degree	Unshielded
SS-71100-001	45 Degree	No Panel Grounds
SS-71100-003	45 Degree	Unshielded









Category 5E Cable Ready

SS-82000-002 - Unshielded

SS-82100-001 - Shielded

Features / Benefits

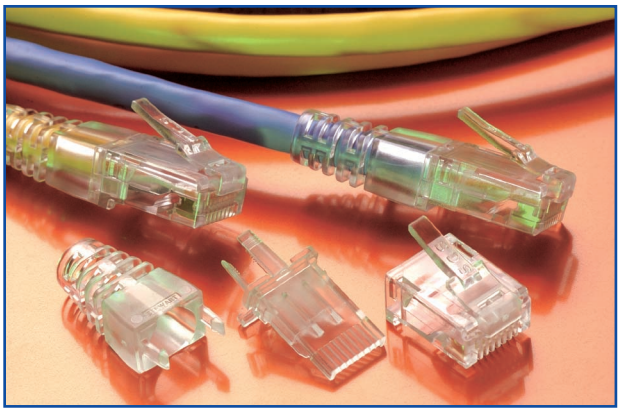
- Meets EIA/TIA Category 5E standard when terminated to Category 5E compliant cable
- Double IDC termination for reliable connections
- Load and lace wire management system reduces termination errors
- Can be panel or face plate mounted
- Shielded version provides 360° coverage
- Great for dongle or extension applications
- Requires Bel Stewart Connector termination tools

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Category 6

SS-39100-021 - Unshielded

450-034 - Optional snagless boot for SS-39100-021

SS-39100-008 - Unshielded with integral boot

Features / Benefits

- Meets EIA/TIA Category 6 component standard when terminated to Category 6 compliant cable
- Patented wire locking load bar for easy assembly
- Field installable with Category 6 termination tool

SS-39200-011 - Shielded

Features / Benefits

- Meets EIA/TIA Category 6 standard when terminated to Category 6 compliant cable
- Load bar for ease of assembly
- Reliable crimped shield grounding system
- One step termination process
- Field installable with shielded termination tool

Category 5 and T1

940-SP-3088R-A133 - Unshielded

Features / Benefits

- Meets EIA/TIA Category 5 standard when terminated to Category 5 compliant cable
- Handles conductor OD of .040"
- Field installable with standard termination tool

940-SP-360808-A108 - Shielded

Features / Benefits

- Meets EIA/TIA Category 5 standard when terminated to Category 5 compliant cable
- Conductor management bar for easy assembly
- Reliable crimped ferrule grounding system
- Field installable with shielded termination tool and ferrule crimp tool

RoHS 2002/95/EC

Modular Plugs

Features / Benefits

- Designed for solid and stranded conductors
- Electro-polished contacts for minimum of 750 insertion cycles
- UL 94-V0 plastic
- Keying options available

Category 5E

SS-37000-007 - Unshielded

450-034 - Optional snagless boot for SS-37000-007

Features / Benefits

- Meets EIA/TIA Category 5E standard when terminated to Category 5E compliant cable
- Single piece plug with staggered contact design reduces crosstalk
- Field installable with standard termination tool

943-SP-370808SM2-A264 - Shielded

Features / Benefits

- Meets EIA/TIA Category 5E standard when terminated to Category 5E compliant cable
- Staggered contact design reduces crosstalk
- Conductor management bar for easy assembly
- Reliable crimped ferrule grounding system

SS-37200-028 - Shielded

Features / Benefits

- Meets EIA/TIA Category 5E standard when terminated to Category 5E compliant cable
- Single piece design
- Staggered contact design reduces crosstalk
- Field installable with unshielded termination tool



RJ11 and RJ12 Applications

940-SP-3046 - Unshielded (4 contact, 6 position)

940-SP-3066 - Unshielded (6 contact, 6 position)

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EPP-918A Environmental Protectant

Features / Benefits

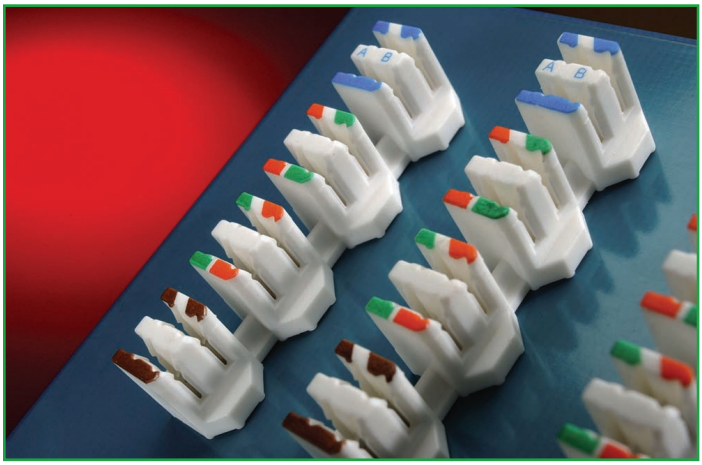
- Improves durability and reliability for RJ11 and RJ45 jacks
- Prevents corrosion from harsh environmental conditions
- Withstands high temperature soldering (in excess of 260° C for 10 seconds)
- Superior resistance to wear-and-tear during insertion testing
- Low Level Contact Resistance (LLCR) testing to 2500 cycles with no measurable change to gold-plated contacts
- Contains UV tracer for visible inspection of EPP-918A coating on contacts
- Can be used with any Bel Stewart Connector product to increase durability and reliability
- RoHS6 compliant

RoHS 2002/95/EC

SS-51 Series Punch Down Blocks

Features / Benefits

- Designed for Category 6a applications
- Facilitates field cable termination
- Notched-head design secures cable prior to termination
- Compatible with industry standard termination tools
- Designed for AWG 22-26 solid copper wire
- Pre-printed with TIA 568A/B color coding
- Block design provides excellent pair-to-pair crosstalk performance
- Design allows staggered pair-to-pair spacing to reduce alien crosstalk in multi-port configurations
- RoHS6 compliant



Part Number	Description
SS-51000-003	8 Way Punch Down Block, no printing
SS-51000-004	8 Way Punch Down Block, with printed color code

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