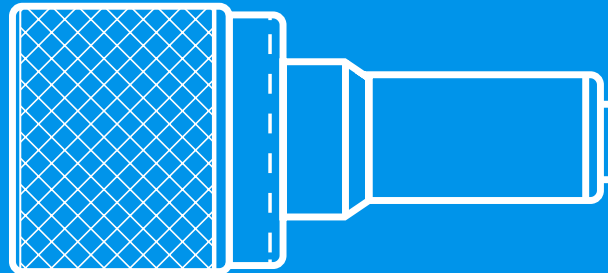
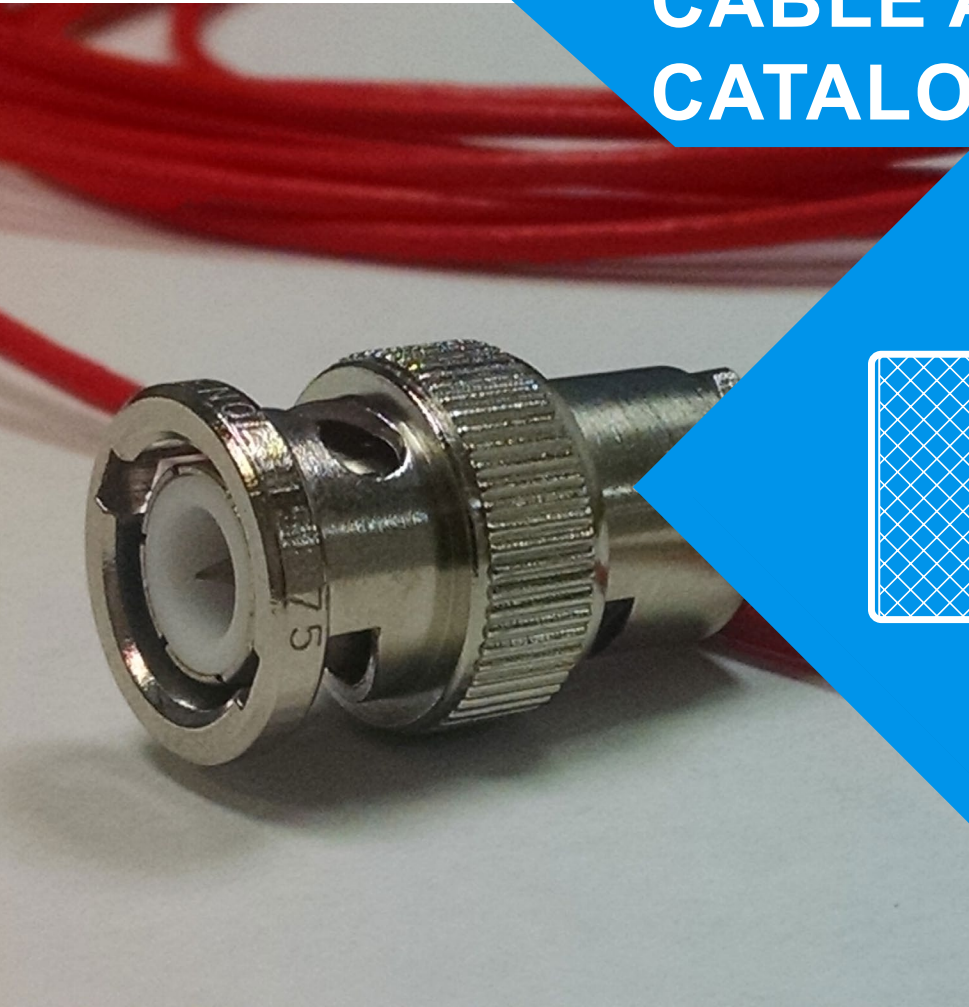




# MilSpecWest

THE VERY BEST IN MICRO INTERCONNECT PRODUCTS

## CABLE ASSEMBLY CATALOG



AEROSPACE \* MEDICAL \* AUTOMOTIVE  
INDUSTRIAL \* MICRO-ELECTRONICS

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## MILSPEC CONNECTORS

MilSpecWest is known for Micro connectors. With many years of connector experience on staff, we can be a useful source for your other connector requirements.

### MIL-DTL-38999 Series One:

MIL-DTL-38999 series I connectors offer high-density contact arrangements in a light-weight miniature connector. The environmentally sealed series features quick-mating, three-point bayonet coupling and operates across a wide temperature range.

### MIL-DTL-38999 Series Two:

MIL-DTL-38999 series II are a weight-reduced and low profile circular connector ideally suited for avionic applications where space and weight are prime considerations. It offers high-density contact arrangements in a light-weight miniature circular connector.

### MIL-DTL-38999 Series Three:

The standard circular connector for use in harsh military and aerospace environments, series MIL-DTL-38999 series III Connectors offer high-density contact arrangements in a light-weight miniature circular connector.

### MIL-DTL-26482 Series One:

These quick-disconnect circular connectors use bayonet coupling and are environmentally sealed. Originally designed for military use, they are now commonly found in industrial and transportation applications requiring a rugged connector.

### MIL-DTL-26482 Series Two:

This series provides a bayonet coupling connector with crimp rear insertable, rear releasable contacts.

### MIL-DTL-5015 Rear Release:

The threaded coupling, environmentally sealed MIL-DTL-5015 Series III connector with rear-removable crimp contacts was developed to replace the earlier solder type. This redesigned connector is intermateable and intermountable with the MIL-DTL-5015 Series I solder type.

### MIL-DTL-83723 Series Three Crimp:

MIL-DTL-83723 Series III family offers connectors with bayonet and threaded coupling including lanyard-release quick-disconnects. These connectors combine the best features of MIL-DTL-26500 and NAS 1599 miniature connector specifications.

**Need something special?**

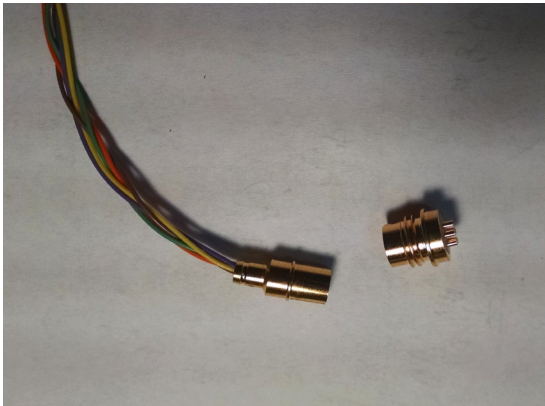
**We have excellent sources for manufacturing custom requirements.**

**Our costs are competitive and our turnaround is quick.**



## CABLE ASSEMBLIES

MILSPECWEST manufactures cable assemblies and wire harnesses utilizing our MSW MICRO connectors and a wide range of power, signal and data connectors including MIL-DTL 26482, MIL-DTL-38999, SMA, BNC and many others. Cables can be shielded or un-shielded with conductor sizes from 32 AWG to 24 AWG. We stock several styles of MILSPEC cables and specialty small gauge cables in order to provide quick turnaround on simple pigtail cables or complex multi-wire harnesses.



Send your requirements and drawings  
to [sales@milspecwest.com](mailto:sales@milspecwest.com) for an immediate response.



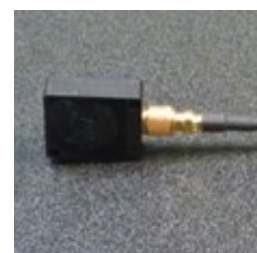
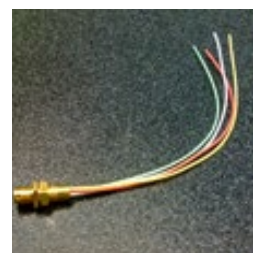
## CABLE ASSEMBLIES

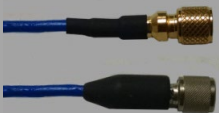



### FOR ACCELEROMETERS, SENSORS & MEMS

With more than 30 years experience in the interconnect and cable assembly business, MILSPECWEST is the best choice for high quality, competitive cable assemblies for your accelerometer, sensor, MEMS and mil-spec requirements. This includes standard and low noise coax cables and 28 – 32 AWG FEP and PTFE multi-conductor cables.

By utilizing our own MSW Micro Products connectors, we are able to provide quick turnaround on the full range of standard and special accelerometer cables. Many of these standard assemblies are detailed here, however, this does not represent all of the capabilities that MILSPECWEST has to offer. Contact [sales@milspecwest.com](mailto:sales@milspecwest.com) for an immediate response to any of your cable assembly requirements.

### QUALITY CABLE ASSEMBLIES FAST AND COMPETITIVE!



MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS-REF*	PCB CROSS-REF*	PHOTO
P5001- **	COAX PLUG 5-44 MSW-CX544	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE RG196AU	6014A	+++	
P5002- **	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	4 COND. 30 AWG FEP JACKET, 0.74 DIA	6041C, 6808A 6877A, 6041A	+++	
P5003- **	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	TO	SOCKET PLUG 1/4-28 MSW-G-B-04S	4 COND. 28 AWG FEP JACKET, 0.100 DIA	6041C	010D**	
P5004- **	4 PIN RECEPTACLE 1/4-28 MSW-G-R-04P	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	4 COND. 30 AWG FEP JACKET, 0.074 DIA	6333A	010D**	

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MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS- REF*	PCB CROSS- REF*	PHOTO
P5005- **	4 PIN PLUG 1/4-28 MSW-G-R-04S	TO	9 PIN D-SUB / HOOD	4 COND. 28 AWG FEP JACKET, 0.100 DIA	6636A	+++	
P5006- **	BNC PLUG BNC PLUG BNC PLUG	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	RG196AU - 4 COND. 28 AWG FEP JACKET, 0.100 DIA	6428A, 6430A, 6801A, 6811A, 6824A, 6937A, 6925A, 6967A	010G**	
P5007- **	3 EA COAX PLUG - 10-32 MSW-CX1032	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	RG196AU LOW NOISE - 4 COND. 28 AWG FEP JACKET, 0.100 DIA	6431A	034F**	
P5008- **	COAX PLUG 5-44 MSW-CX544	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE 32 OHM, PVC , 0.054 DIA	6017A 6014A	+++	
P5009- **	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	TO	PIG TAIL	4 COND. 28 AWG FEP JACKET, 0.100 DIA	6854A, 6483A 6812A, 6830A 6982A	010P**	
P5010- **	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	TO	PIG TAIL	4 COND. 30 AWG FEP JACKET, 0.074 DIA	6854A 6483A 6812A	010P**	
P5011- **	4 PIN RECEPTACLE 1/4-28 MSW-G-R-04P	TO	9 PIN D-SUB / HOOD	4 COND. 28 AWG FEP JACKET, 0.100 DIA	6636A	+++	
P5012- **	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	TO	BNC PLUG BNC PLUG	4 COND. 32 AWG FEP JACKET, 0.072 DIA - RG196AU	6776A	+++	




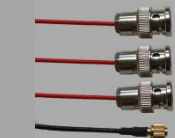



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\* CONTACT FACTORY TO CHECK FOR VARIANCES IN CABLE SPECIFICATIONS

## 6 Cable Assemblies (Continued)



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MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS-REF*	PCB CROSS-REF*	PHOTO
P5013- **	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	TO	3 EA LEMO STYLE FAA SINGLE PIN	4 COND. 30 AWG FEP JACKET, 0.072 DIA - RG196AU	6793A	+++	
P5014- **	SMB 50 OHM PLUG SMB 50 OHM PLUG SMB 50 OHM PLUG	TO	4 PIN RECEPTACLE 1/4-28 MSW-G-R-04P	RG196AU - 4 COND. 30 AWG FEP JACKET, 0.072 DIA	6873A	+++	
P5015- **	4 EA LEMO STYLE 9 PIN PLUG	TO	4 EA SOCKET PLUG 1/4-28 MSW-G-B-04S	4 COND. 30 AWG FEP JACKET, 0.072 DIA	6883A	+++	
P5016- **	BNC PLUG BNC PLUG BNC PLUG	TO	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	RG196AU - 4 COND. 32 AWG FEP JACKET, 0.072 DIA	6893A	034K**	
P5017- **	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	TO	MS3476L10-6P	4 COND. 32 AWG FEP JACKET, 0.072 DIA	6948B	+++	
P5018- **	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	TO	MS3476L10-6P	4 COND. 28 AWG FEP JACKET, 0.100 DIA	+++	+++	
P5019- **	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	TO	9 PIN D-SUB / HOOD	4 COND. 32 AWG FEP JACKET, 0.072 DIA	6949A	+++	

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MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS-REF*	PCB CROSS-REF*	PHOTO
P5020- **	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	TO	9 PIN D-SUB / HOOD	4 COND. 28 AWG FEP JACKET, 0.100 DIA	+++	+++	
P5021- **	COAX PLUG 1032 MSW-CX1032	TO	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	RG196AU - 4 COND. 32 AWG FEP JACKET, 0.072 DIA	6975A	+++	
P5022- **	LEMO STYLE 7 PIN PLUG	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	4 COND. 30 AWG FEP JACKET, 0.072 DIA	6978A	+++	
P5023- **	BNC PLUG	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE RG196AU	6411A 6053A 6066A 6991A	002C**	
P5024- **	4 EA LEMO STYLE SINGLE PIN	TO	BNC PLUG MSW-CXBNC	RG196AU - 4 COND. 30 AWG FEP JACKET, 0.072 DIA	6883A	+++	
P5025- **	LEMO STYLE 9 PIN	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	4 COND. 30 AWG FEP JACKET, 0.072 DIA	6784A	+++	
P5026- **	COAX PLUG 10-32 MSW-CX1032	TO	COAX PLUG 10-32 MSW-CX1032	RG196AU	6026A 6016A 6010A 6024A	002A**	
P5027- **	COAX PLUG 10-32 MSW-CX1032	TO	PIGTAIL	RG196AU LOW NOISE	6002A 6018A	+++	

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MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS-REF*	PCB CROSS-REF*	PHOTO
P5028- **	COAX PLUG 5-44 MSW-CX544	TO	COAX PLUG 10-32 MSW-CX1032	RG196AU LOW NOISE	6025A	003G**	
P5029- **	BNC PLUG	TO	BNC PLUG	COAX CABLE RG58AU	6020A 6426A	002T**	
P5030- **	COAX PLUG 5-44 MSW-CX544	TO	BNC PLUG	RG196AU LOW NOISE	6056A	003P**	
P5031- **	COAX PLUG 5-44 MSW-CX544	TO	PIGTAIL	RG196AU	6021A 6051A	+++	
P5032- **	LEMO STYLE 7 PIN PLUG	TO	BNC PLUG MSW-CXBNC	COAX CABLE RG174AU	6777A 6011A	+++	
P5033- **	3 EA LEMO STYLE SINGLE PIN	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	RG196AU - 4 COND. 30 AWG FEP JACKET, 0.072 DIA	6793A	+++	
P5034- **	BNC PLUG	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE RG196AU LOW NOISE	6019A, 6057A 6417A	003C**	
P5035- **	COAX PLUG 10-32 MSW-CX1032	TO	COAX PLUG 5-44 MSW-CX544	RG196AU	6024A	+++	

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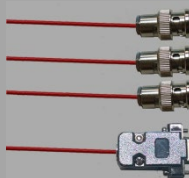




MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS-REF*	PCB CROSS-REF*	PHOTO
P5036- **	BNC JACK	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE RG196AU LOW NOISE	+++	003B**	
P5037- **	BNC PLUG BNC PLUG	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	RG196AU - 4 COND. 28 AWG FEP JACKET, 0.100 DIA	6431A 6828A	010F**	
P5038- **	2 EA COAX PLUG - 10-32 MSW-CX1032	TO	4 SOCKET PLUG 1/4-28 MSW-G-B-04S	RG196AU - 4 COND. 30 AWG FEP JACKET, 0.072 DIA	6777A 6011A	+++	
P5039- **	BNC PLUG	TO	BNC PLUG	COAX CABLE RG58AU - LOW NOISE	6048A	003D**	
P5040- **	COAX PLUG 5-44 MSW-CX544	TO	BNC PLUG	COAX CABLE RG196AU	6040A	002P**	
P5041- **	COAX PLUG 10-32 MSW-CX1032	TO	PIGTAIL	COAX CABLE RG196AU	6054A 6033A 6412A	+++	
P5042- **	BNC JACK MSW-CXBNCJ	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE RG196AU	6032A	+++	
P5043- **	COAX PLUG 10-32 MSW-CX1032	TO	90 DEG COAX PLUG 10-32 MSW-CX1032RA	RG196AU	6032A	+++	

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MSW PN	CONNECTOR(S)		CONNECTOR(S)	CABLE	DYTRAN CROSS-REF*	PCB CROSS-REF*	PHOTO
P5044- **	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	TO	PIG TAIL	4 COND. 32 AWG FEP JACKET, 0.072 DIA	6895A	+++	
P5045- **	BNC PLUG	TO	BNC PLUG	COAX CABLE RG174	6089A	+++	
P5046- **	COAX PLUG 10-32 MSW-CX1032	TO	BNC PLUG	COAX CABLE RG174	6093A	+++	
P5047- **	BNC PLUG BNC PLUG BNC PLUG	TO	9 PIN D-SUB / HOOD	RG196AU - 4 COND. 28 AWG FEP JACKET, 0.100 DIA	6329A	+++	
P5048- **	COAX PLUG 10-32 MSW-CX1032	TO	COAX PLUG 10-32 MSW-CX1032	COAX CABLE RG174	6400A	+++	
P5049- **	COAX PLUG 10-32 MSW-CX1032	TO	COAX PLUG 10-32 MSW-CX1032	RG196AU LOW NOISE	6036A, 6013A	003A**	
P5050- **	COAX PLUG - 10-32 COAX PLUG - 10-32 COAX PLUG - 10-32	TO	4 SOCKET PLUG 4.5mm X 0.035 MSWU-G-B-04S	RG196AU LOW NOISE - 4 COND. 32 AWG FEP JACKET, 0.072 DIA	+++	034H**	

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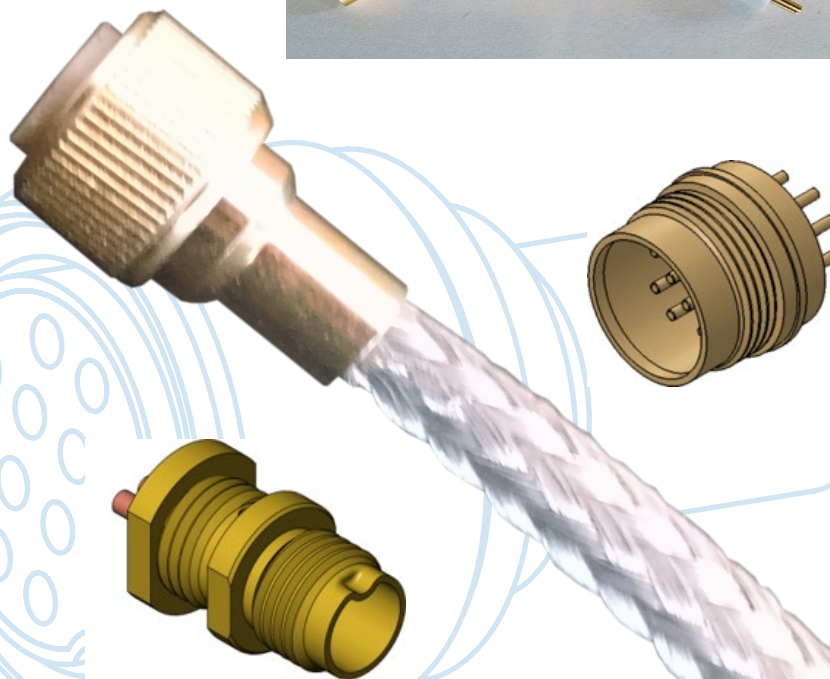




MilSpecWest is committed to providing quality parts delivered on time. This is completed by using quality systems throughout all facets of our business that are continually improved to better serve our customers. MilSpecWest strives to meet and exceed our customer's expectations while maintaining profitability, efficiency and a focus on our company's growth.

When you're looking for the perfect part but the company that made it is either shut down or having quality and delivery issues, it can be very frustrating. Not only are you unable to get your deliverables taken care of on time, but your boss is probably giving you a hard time about it as well. At MilSpecWest we understand, that's why we opened our doors – to eliminate the hassle of overseas stocked micro connectors and increase both the speed of delivery and the quality of service. That means not only are you getting the same parts as you'd look for from companies such as Microtech or Comtronic, but you'll get them better than ever before.

Don't just take our word on it, give us a try and experience the difference! Call 949-636-9677





## Check Out Our Full Line...

### Micro Circular Connectors

MilSpecWest's line of Miniature and Ultra Miniature connectors offers an effective solution to many applications where a reliable, easy to use connection is required.

**MSW Micro line** is our standard line of Micro connectors. Specifications and sizing is designed to accommodate most requirements.

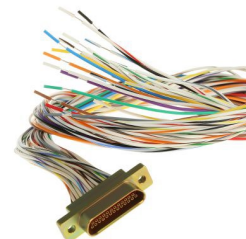
**The MSWH Micro line** is MilSpecWest's heavy duty line. The Heavy Duty line is 15% larger than the MSW line. They offer a larger cable diameter and wire gauge.

**The MSWU Micro line** is Ultra small micro connectors. The size is 30% smaller than the MSW line. Same robust specifications as the MSW line but designed to fit a smaller footprint.



### Micro-D Connectors

MSWD Micro-D connectors are used in applications requiring highly reliable, extremely small, lightweight connectors with higher density contact configurations than available in traditional rectangular connectors. They are available in 7 shell sizes accommodating from 9 to 51 contacts with additional special arrangements available.



These connectors are designed to meet the demands for an environmental, high performance, rugged, moisture-sealed microminiature connector. Twist pin technology is a key feature of these connectors with 25 AWG pins or sockets on 0.050 (1.27) centers.

Aluminum shells with Electroless Nickel finish provide good strength and offer excellent EMI and RFI protection. Stainless steel shells are also available for additional environmental integrity. Silicone elastomer interfacial seals provide a moisture and humidity seal between each contact and between contacts and shell.

### NanoConn Series NC805

NanoConn Series NC805 is modeled after the popular MIL-DTL-38999 Series III connector series but with half the size and a sizeable weight savings. It is interchangeable and inter-mateable with Glenair's Mighty Mouse 805 series of connectors.



These small but rugged connectors offer excellent vibration resistance, EMI shielding and waterproof performance to IP67. Gold plated contacts are 23 AWG with arrangements having from 4 to 130 positions. Available styles are the self-locking plugs, in-line receptacles, square flange receptacles and jam nut receptacles – all with either an integrated banding platform or accessory threads.

### Cable Assemblies

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THE VERY BEST IN MICRO INTERCONNECT PRODUCTS

# A WIDE RANGE OF PUSH-PULL CONNECTOR CHOICES

## Quality Push-Pull Connectors Designed for Reliability

MilSpecwest truly understands the cost, time and quality associated with the installation and integration design of our Push Pull connectors. Our customized solutions and one-stop services will help you reach your objectives by reducing the installation time of cables and wires by 20% to 80%, and lowering design/field assembly labor costs for numerous application fields: Sensors & Industrial Automation Control, Telecommunications & Network, HVAC & Refrigeration, LED Lighting, Railway Transportation System, Marine & Ship Engineering, Medical Devices, Renewable Energy, Measuring & Testing and more.



Medical Industry



Broadcast System



Aerospace and Drone



Measuring & Testing



Railway Transportation System



Industrial Automation



Military and Security



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