



**WIRE AND CABLE, INC.**

**Leading Supplier of Military Aerospace Wire Cable**

1-800-633-7210

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[www.sea-wire.com](http://www.sea-wire.com)



WIRE AND CABLE, INC.

**Low Minimums**  
**Fast Delivery**  
**Quality Products**  
**Competitive Pricing**

## Wire and Cable Professionals Since 1970

What truly sets SEA Wire and Cable apart from other Mil-Spec product suppliers is our people. Our sales and support staff take pride in assuring that you not only receive a high-quality product in a timely manner, but that you also have a pleasant experience every time you deal with us. With over 4,800 satisfied customers worldwide, we have built a reputation for high-quality products at competitive prices backed by outstanding customer service.

You can rely on SEA Wire and Cable as the single best source for all of your Aerospace product needs. SEA is a small, woman-owned business, headquartered on eight acres in North Alabama near Redstone Arsenal, home of the Army Missile Command. SEA stocks its inventory in a single facility, guaranteeing your order will be filled accurately and on time – with same-day shipment on stock items.

## Wired for Performance

SEA Wire and Cable is a privately held corporation headquartered in Alabama. From SEA's beginning in 1970, its mission has been to respond to our customer's needs with accurate technical support, product availability, and professional service. Our dedication to fulfilling customer needs paid off during the 1980's as SEA developed into a full value added stocking distributor of Mil-Spec and aerospace products. And now with a total of 90,000 square feet of space, a clean room, a state of the art logistics center, and new computer management systems, SEA is prepared to grow with you into the future.

[LEARN MORE ABOUT US](#)

# Core Values

The SEA Team Believes In:



## Service

**Be remarkable in relationships with customers, community, stakeholders, and team members. Instilling trust through integrity and commitment.**



## Excellence

**Sustain our high-performance family culture. Invest in team member growth and encourage innovation.**



## Accountability

**Be genuine, open, honest and do the right thing even when no one is watching.**

## Mission

**SEA Wire and Cable's Mission is to take care of our customers, partners, employees, stakeholders, and the warfighter one connection at a time.**



## Featured Product

# Marmon A&D

*Innovative  
Brands  
Connectivity  
Solutions  
Delivered*

### Mil-Spec Wire, Cable, & Fiber Optics



### Copper & Fiber Optic Cable Assembly



### Custom Cable & Coil Cords



### Installation, Test, & Sustainment Kits



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



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



[www.marmon-ad.com](http://www.marmon-ad.com)

## Featured Product

# Isodyne Tri-dent Springband



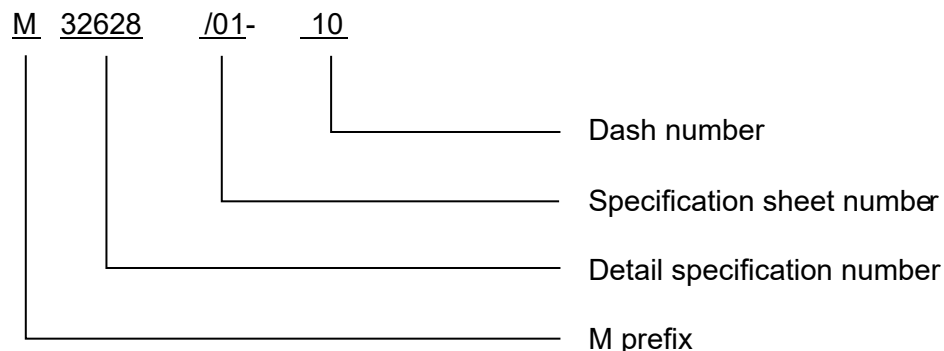
## Isodyne revolutionizes the installation of banding termination for EMI/RFI Backshells

- *Easy To Use*
- *Labor-Saving*
- *Reworkable*
- *New But Familiar*
- *Fast And Accurate*
- *Affordable*
- *No calibrated tools required for installation*

The Tri-Dent spring replaces antiquated termination processes without the purchase, maintenance, and calibration of new tools. This is a labor-saving way to provide a better termination that can be reworked (unlike the current method). Field reparable.

M32628/01 spring bands are intended to be used with M85049/82 through /90 connector backshells in accordance with SAE AS85049/82 through SAE AS85049/90. These spring bands should can be used as an alternate for the M85049/128 shield band in accordance with SAE AS85049/128. In addition, the M32628/01 spring bands include Tri-Dents to aid in installation of the spring band on the connector backshell.

Example of a Part or Identification Number (PIN):



Spring band part number compatible with the M85049/82 through /90 backshells and shield splice. Installation of the spring band on the backshells shown in this table have been validated. Using the spring band on other backshells or accessories may not provide the specified performance requirements of MIL-DTL-32628 spring bands.



[DOWNLOAD FULL SPECS](#)

## Featured Product

# TE Portable Tools

## TE Connectivity. A Leader in Crimp Quality.

Anyone can make a tool to crimp terminals onto a wire. But not everyone can manufacture a tool to crimp the terminals properly. Crimp termination of wires isn't easy. At least, doing it right isn't easy. We know. We started it. TE Connectivity developed the technology of hand crimping over 70 years ago.



### Fast Facts

- Designed to exacting specifications
- Ratchet control provides complete crimping cycle
- For most military, UL and CSA applications
- Manufactured using the highest quality materials
- Requires minimum skill
- Repairable
- Calibrated; recalibration recommended every 6 months or 5,000 cycles
- Many SAHT and DAHT crimping heads and many die sets can be adapted for use with the 626 pneumatic tool system (Request catalog # 124208)
- Produced under a quality management system certified to ISO 9001.

### Consistent High Quality Terminations

CERTI-CRIMP hand tools are top-of-the-line, premium hand-operated tools for crimping a broad array of terminals, contacts and special wiring devices. They are designed to exacting specifications to produce consistent, high-quality terminations. A potential service life of over 50,000 cycles is possible, depending on operator care.

### CERTI-CRIMP Tooling Options

There are currently seven basic styles of CERTI-CRIMP portable tools. The choice depends on the product being applied and/or your preferred method of application. For example, open barrel contacts typically require straight-action die movement to minimize possible rotation during crimping. Or, if your application requires crimping different sizes of terminals, you may prefer using a single tool with a combination of crimping nests rather than two or three separate tools.

Other options include insulation crimp adjustment for different insulation thicknesses, a locator for properly positioning and supporting the terminal or contact in the tool, a wire stop, and color-coding and/or wire size information on the head of the tool or on the handles.

### Ratchet Control

All CERTI-CRIMP portable tools feature our reliable ratchet control system. The ratchet will not release until the handles are fully closed and the dies bottomed. This helps eliminate partial crimps. CERTI-CRIMP portable tools are well suited for low production runs, prototype work, and repairs—almost any application requiring consistent, highly-reliable terminations.

# Products

## Military and Commercial AirFrame / Aerospace

### Wire

M76	C10575
M5086	HP3, HP4
M5846	MPD 1506
M8777	NASMS20995
M16878	QQ-W-343
AS22759	A-A-59551
M25038	
AS81044	
M85485	
M81381	
M81822	

### Low Loss Cable

LL142	LMR 200
LL335	LMR 400
LL335i	LMR 600
SS402	SFT 142
SS405	SF 142
SS7326	5G

### Sleeving and Molded Shapes

M631	ASTMD3295
M3190	DR-25
M7444	ATUM
M22129	TC-CAP
ASTM-DTL-23053	RNF
M46846	VERSAFIT
M47203	
M81265	
MS 3109	
MS 3117	
AMS6353	

### Cable

M17	WC27500
M3432	M47206
M7078	M49055
M13777	MIL-DTL-55021
M24640	SAE-AS85485
M24643	STD
MIS	
M27072	

### Sikorsky

SS8548	SS7614
SS7616	SS7326
SS7615	

### Termination Sleeves

NAS-1744	S01
NAS-1745	SO96
NAS-1746	D-436
AS83519	M81824

### Cable Ties

MS 3367  
MS 3368  
Panduit PLT

### Lacing Tapes

M713  
M43435  
A-A-52080  
thru A-A-52084

### Manufacturers Specifications

Airbus Wire / Cable (EN)  
Boeing (BMS)  
Hughes (HMS)  
Lockheed  
(5PTM101, C48, C49, and LAC)  
McDonnell Douglas (5M and ST)  
Ministry of Defense  
NASA  
(SSQ Space Station Fiber / Copper)  
Harris Cables (10075)  
Bell (140 and 285) <-30-285

### Avionics

Seamless Composite	IFE 10 Gig Cables
F-16 Headset Cable	MX MaxFlite
Airbus Wire / Cables	NETflight
Filterline Wire / Cables	Data Master

### Backshells

TACOM  
Isodyne  
Glenair

### Connectors

D 38999  
M85049  
Expand

### TE

M85049/82  
M85049/84  
M85049/85  
M85049/87  
M85049/88  
M85049/93  
M85049/128

### Copper Braid

QQ-B-575  
A-A-59569  
BAC 3106  
BAC 3108





## Extensive Data and Commercial Product Offering

Alarm Cable	Fine Wire	Power Supply Cords
Appletalk	Flat Braid, Oval Braid, Round Braid	Ribbon Cable
Audio and Communications Cable	Flat Cable	RS-232/Low Cap
Backpanel Wire	Heat Guns	Shielded Cable
Bus Bar Wire	Heat Shrinkable Tubing	SIS Wire
Business Machine Wire and Cable	Heat Shrinkable Wire Markers	Sleeving Insulation
Cable Ties, Cable Clamps	High Temperature Wire and Cable	Switchboard Wire
CAT 5 Patch Cord	High Voltage Wire	Telephone Cable
CAT 5 Cable	Lacing Tapes	Termination Sleeves
Coaxial Cable	Local Area Network Cable	Test Lead Wire
Data Control Cable	Molded Shapes	Thermocouple Wire
EMI /RFI Backshells	Non-Shielded Cable	Voice and Data Cable
Ethernet	Plenum Cable	Welding Cable
Expandable Sleeving	Portable Cordage	Zipper Tubing
Fiber Optic Cable		

## Custom Services

Bar-Coded Labels	Kitting
Consignment	Laser Wire Marking
Custom Design Cables	Online UPS /FedEx Tracking
Custom Spooling	Solderability Testing
Cut and Marked Tubing - Sumimark	Spark Testing
Drum Package	Stripping /Color Coding
E-Commerce	Tinning
Electronic Data Interchange (EDI)	Twisting
Hipot Testing	VMI Solutions
Hot Stamping	Wire Cutting and Stripping
Inventory Management	

## In-Stock Products

- Braid
- Cable
- Cable Ties
- Connectors
- Coaxial Cable
- EMI/RFI Backshells
- Heat Guns
- Heat-Shrinkable Tubing
- Hook-Up Wire
- Lacing Tapes
- Molded Shapes
- Solder Sleeves

# Quality

## Superior Quality/Fast Delivery

From the beginning, SEA has specialized in wire, cable, tubing, termination sleeves, and other cable assembly products for the most demanding electronics applications. SEA's quality-control procedures meet Mil-I-45208A, UL, and CSA certification requirements and are AS9100 certified. SEA is on the approved quality assurance list for Boeing, Raytheon, Northrop Grumman, Unison Industries, Lockheed Martin, and other major aerospace companies. SEA only sells military products manufactured by QPL manufacturers, the select group of wire and cable companies whose products pass a series of US Government issued quality assurance tests. When you need wire, cable, tubing, and associated products, SEA Wire and Cable has what you are looking for: low minimums, fast delivery, quality products, and competitive pricing.

## Quality Control

- Full Time Quality Control Department
- AS9100 Rev. D Certified
- ISO9001:2008 Certified
- MIL - I - 45208A Certified
- Underwriters Laboratory (UL) Certified
- Canadian Standards Association (CSA) Certified
- In-house Lockheed Representative
- DCAS Inspection
- Factory Certified Test Reports
- Manufacturer's C of C's
- Total Quality Management Program (Est. 1991)



# Award Winning



CHAIRMAN'S AWARD



SILVER SUPPLIER



STAR SUPPLIER AWARD



PRESIDENT'S AWARD



SUPPLIER AWARD



PREFERRED SUPPLIER



PREFERRED SUPPLIER



SUPPLIER AWARD



SUPPLIER AWARD



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