

Duraline®



518 Series Single-Pole Connectors & Receptacles



Industrial Strength Electrical Products for Industrial Strength Users





518 Sr. Housing and Panels

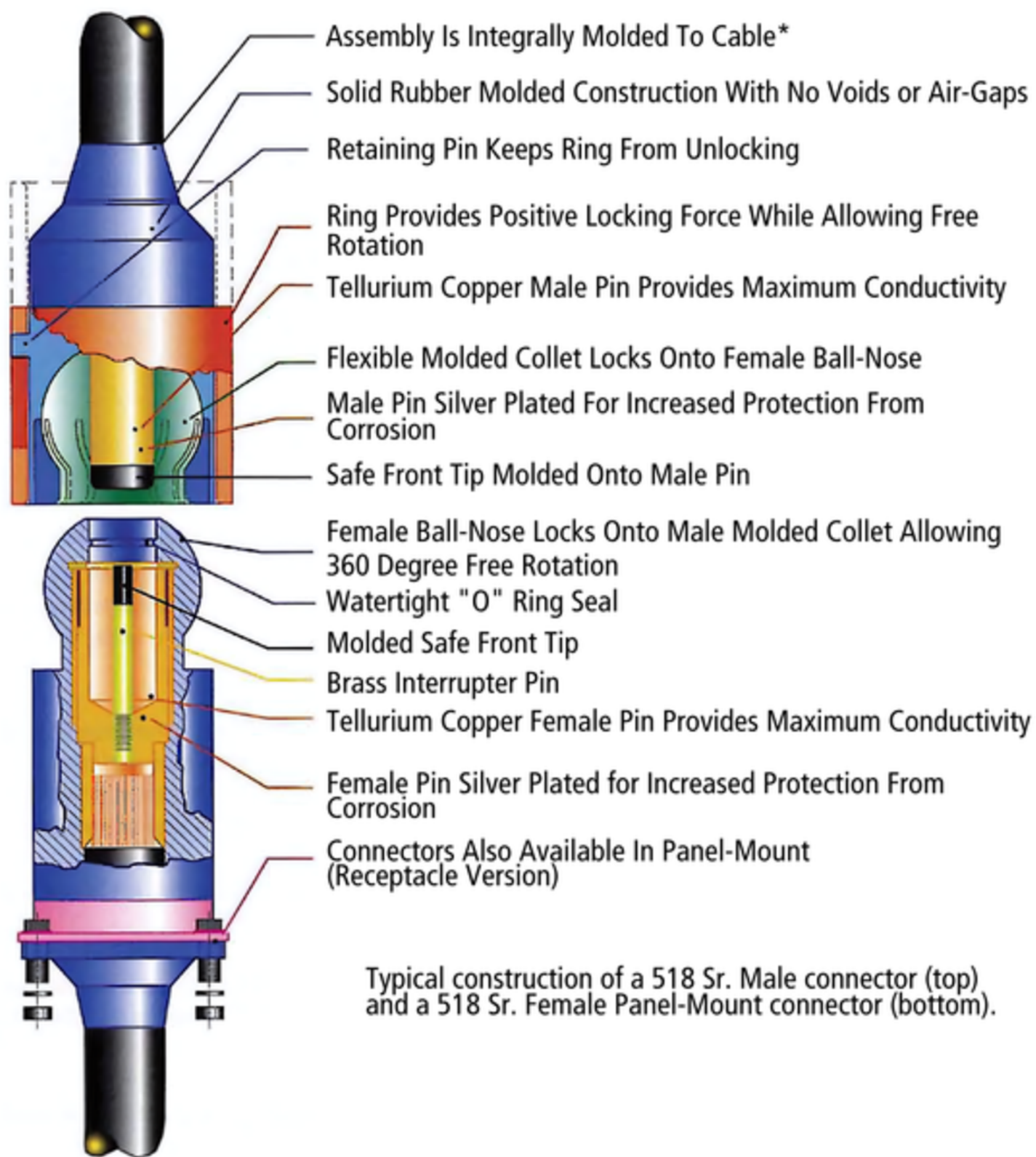
300 - 1,000 Amps

Duraline offers the 518 Sr. Series in both housings and panels to provide a versatile methods for delivering high power systems . These highly customizable panels can include multiple housings in either 30 or 90 degree design, and can include up to 4 receptacles per housing.

Additional customization options are available. Call our sales team today for more information , (386) 873-2990 or email us at inquire@Jbn-Duraline.com

Series	Current Range	Locking Force	Voltage Range
518 Micro	50A - 150A	100 LBS	Up to 500V AC/DC
518 Jr.	15A - 300A	150 LBS	Up to 600V AC/DC
518 Sr.	300A - 1,000A	300 LBS	Up to 5KV* AC/DC

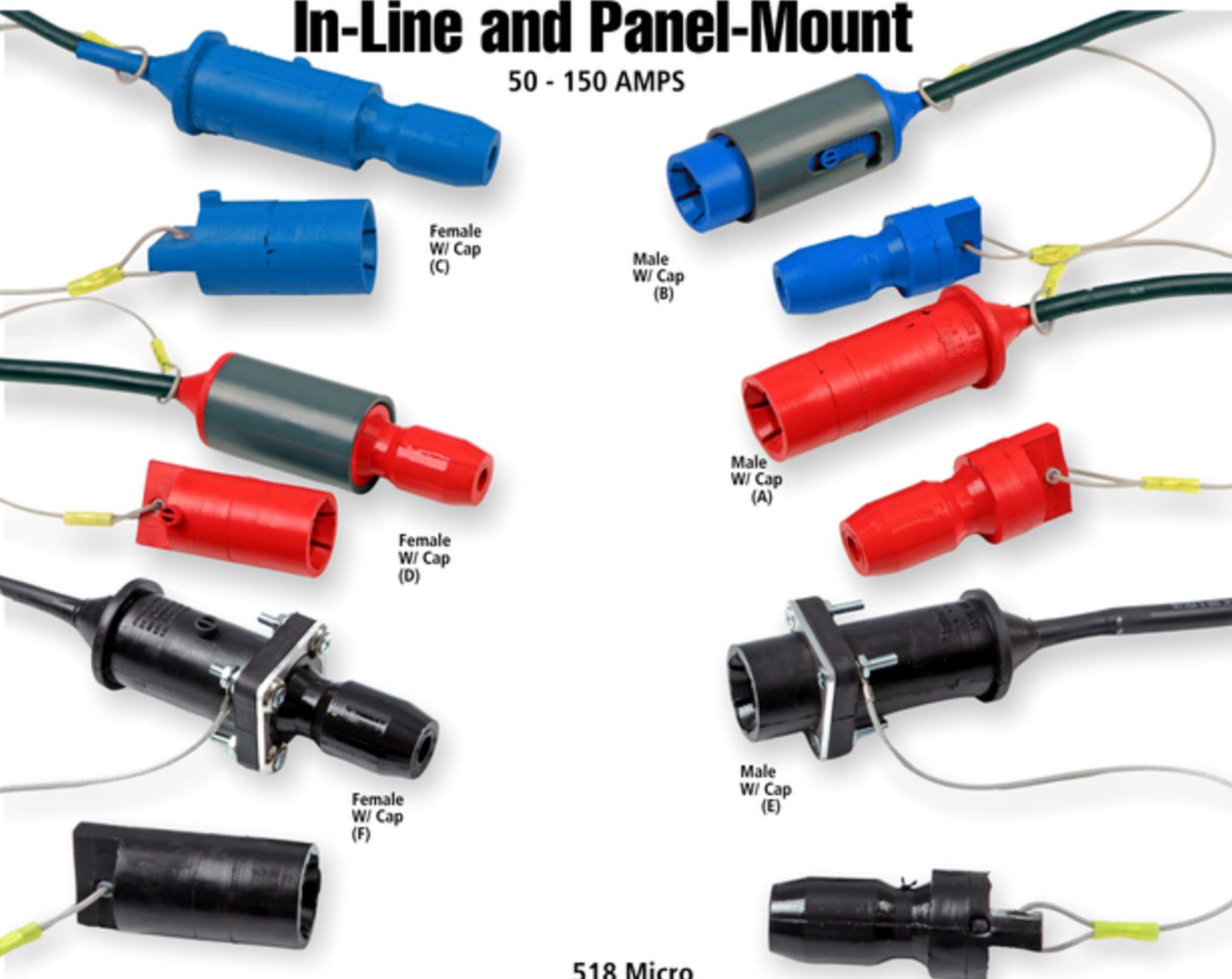
* Some 5KV applications require use of a grounded shield. Currently, 518 Sr. connectors have been tested and used for 5KV applications, but do not allow for a grounded shield.



518 Micro Connectors

In-Line and Panel-Mount

50 - 150 AMPS



518 Micro

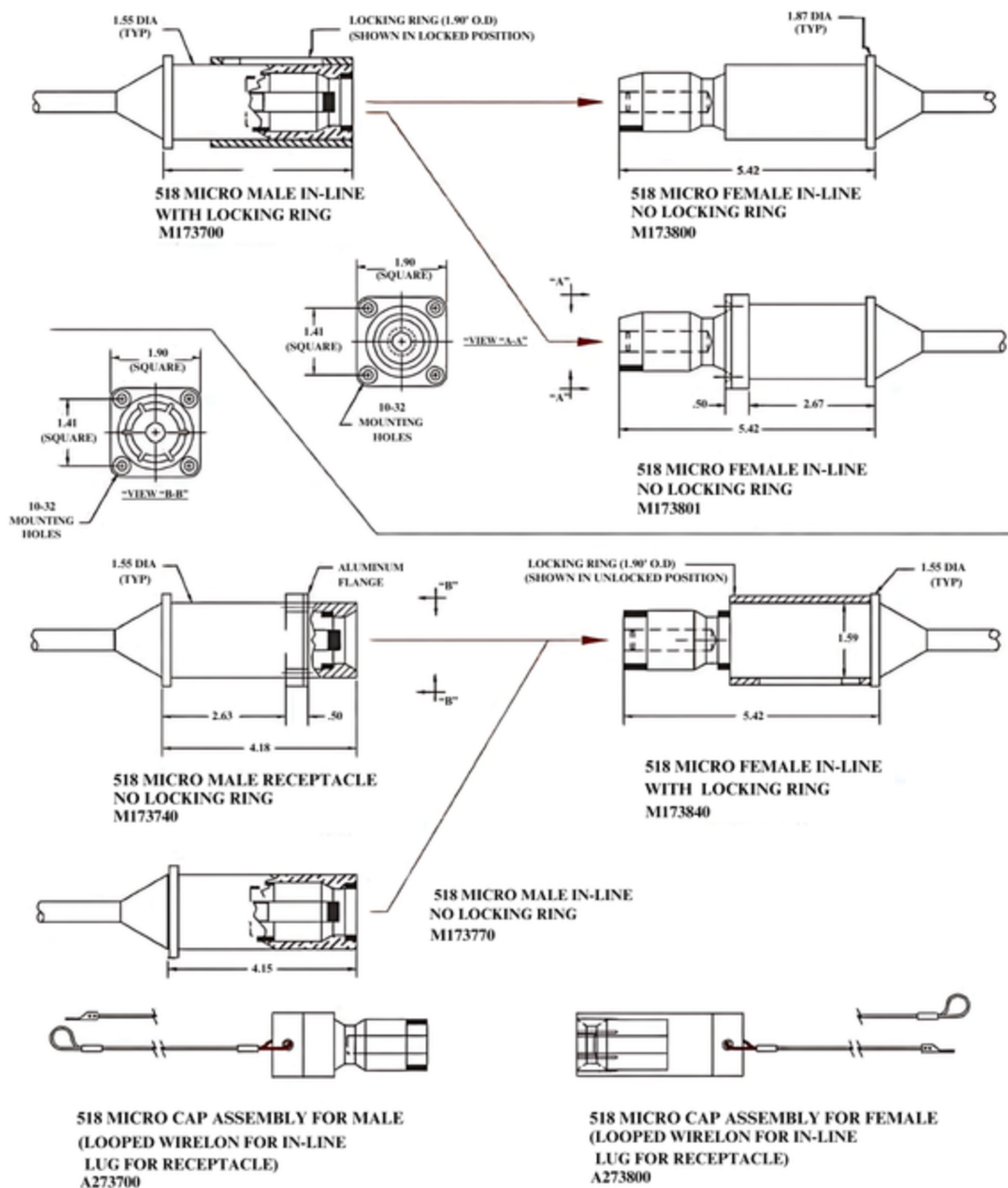
	Part Number	Part Description	Mates With
A	M173770	518 Micro Male In-Line Connector, No Locking Ring	D
B	M173700	518 Micro Male In-Line Connector, With Locking Ring	C / F
C	M173800	518 Micro Female In-Line Connector, No Locking Ring	B
D	M173840	518 Micro Female In-Line Connector, With Locking Ring	A / E
E	M173740	518 Micro Male Panel-Mount Connector, No Locking Ring	D
F	M173801	518 Micro Female Panel-Mount Connector, No Locking Ring	B

Cable sizes range from #8 to #4 AWG, black cable jacket

Minimum 2ft cable length

Connectors are available in assorted colors

518 MICRO IN-LINE AND RECEPTACLE (50A - 150A) COMBINATIONS, DIMENSIONS AND PART NUMBERS



518 Jr. Connectors In-Line and Panel-Mount

150 - 300 AMPS

518 Jr.

	Part Number	Part Description	Mates With
A	M151841	518 Jr. Male In-Line Connector, With Locking Ring	B / D
B	M151845	518 Jr. Female In-Line Connector, No Locking Ring	A / C
C	M151842	518 Jr. Male Panel-Mount Connector, With Locking Ring	B
D	M151840	518 Jr. Female Panel-Mount Connector, No Locking Ring	A

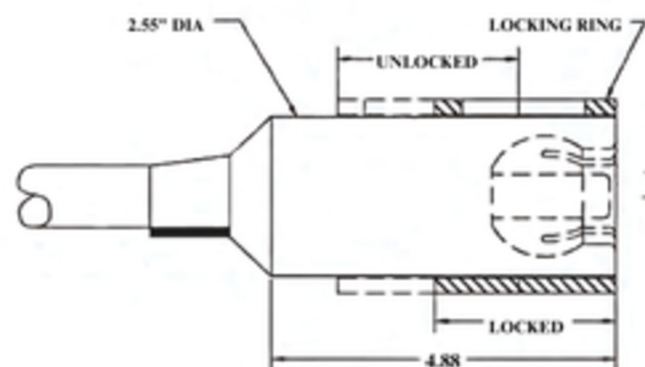
Cable sizes range from #8 to #4 AWG, black cable jacket

Minimum 2ft cable length

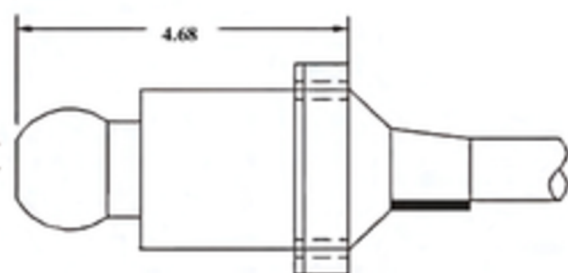
Connectors are available in assorted colors



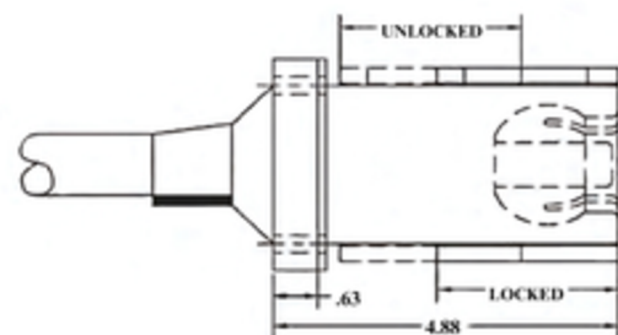
518 Jr. IN-LINE AND RECEPTACLE (150A - 300A) COMBINATIONS, DIMENSIONS AND PART NUMBERS



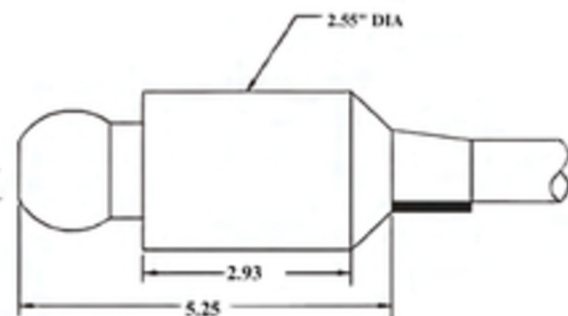
**518 Jr. MALE IN-LINE
WITH LOCKING RING
M151841**



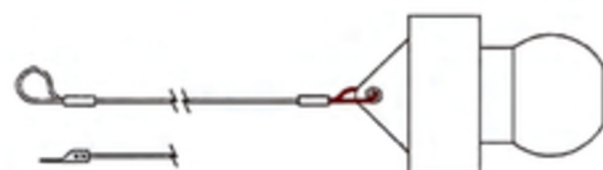
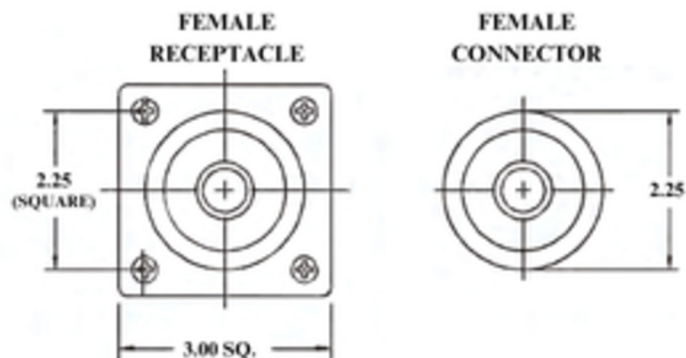
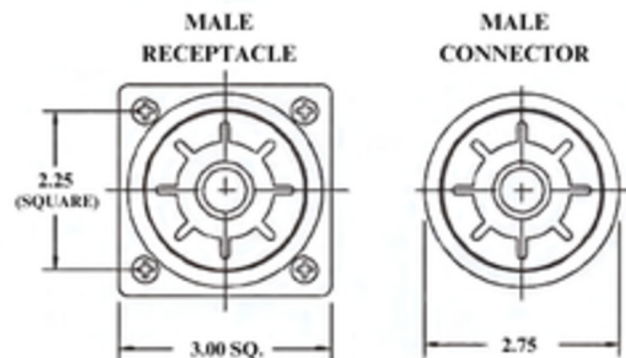
**518 Jr. FEMALE RECEPTACLE
NO LOCKING RING
M151840**



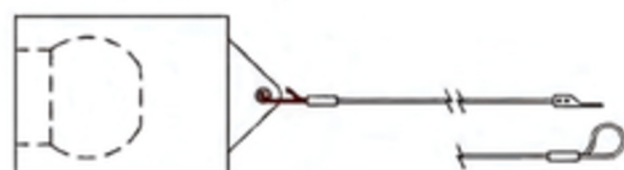
**518 Jr. MALE RECEPTACLE
WITH LOCKING RING
M151842**



**518 Jr. FEMALE IN-LINE
NO LOCKING RING
M151845**



**518 Jr. CAP ASSEMBLY FOR MALE
(LOOPED WIRE ON FOR IN-LINE
LUG FOR RECEPTACLE)
A251850**



**518 Jr. CAP ASSEMBLY FOR FEMALE
(LOOPED WIRE ON FOR IN-LINE
LUG FOR RECEPTACLE)
A251851**



518 Sr. Connectors In-Line and Panel-Mount

300 - 1,000 AMPS

518 Sr.

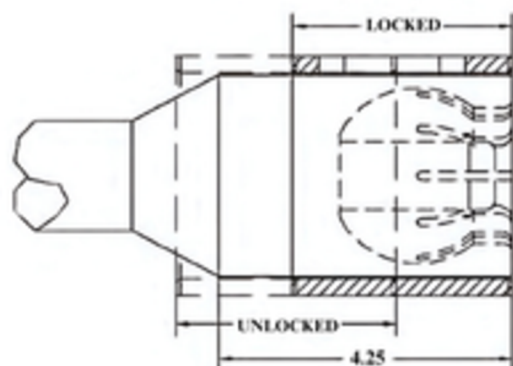
	Part Number	Part Description	Mates With
A	M151859	518 Sr. Male In-Line Connector, No Locking Ring	D
B	M151817	518 Sr. Male In-Line Connector, With Locking Ring	C / F
C	M151807	518 Sr. Female In-Line Connector, No Locking Ring	B
D	M151831	518 Sr. Female In-Line-Connector, With Locking Ring	A / E
E	M151834	518 Sr. Male Panel-Mount Connector, No Locking Ring	D
F	M151808	518 Sr. Female Panel-Mount Connector, No Locking Ring	B

Cable sizes range from #8 to #4 AWG, black cable jacket

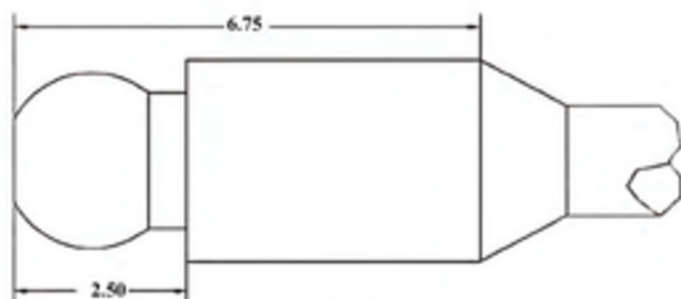
Minimum 2ft cable length

Connectors are available in assorted colors

518 Sr. IN-LINE AND RECEPTACLE (300A - 1000A) COMBINATIONS, DIMENSIONS AND PART NUMBERS



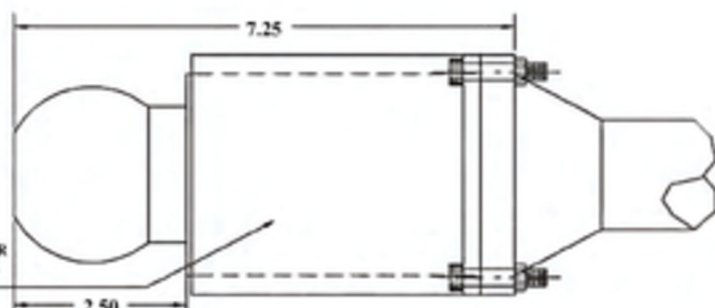
**518 Sr. MALE IN-LINE
WITH LOCKING RING
M151817**



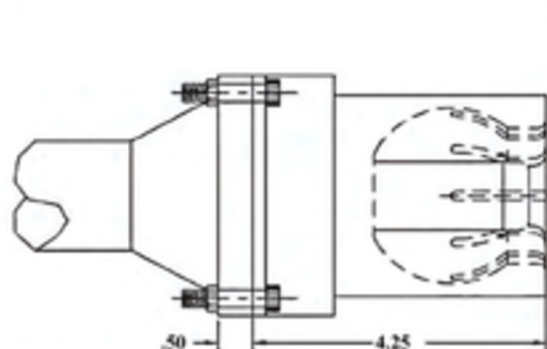
**518 Sr. FEMALE IN-LINE
NO LOCKING RING
M151807**



**FEMALE RECEPTACLE
NO LOCKING RING**

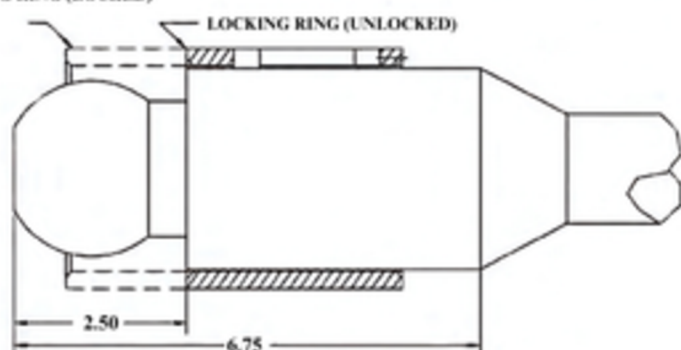


**518 Sr. FEMALE RECEPTACLE
NO LOCKING RING
M151809**

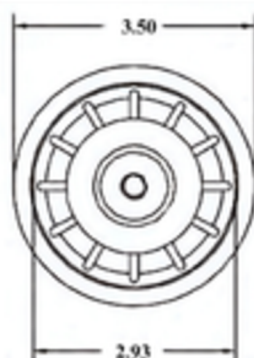


**518 Sr. MALE RECEPTACLE
NO LOCKING RING
M151834**

LOCKING RING (LOCKED)



**518 Sr. FEMALE IN-LINE
WITH LOCKING RING
M151831**



**MALE PLUG
WITH LOCKING RING**



**MALE RECEPTACLE
NO LOCKING RING**



**FEMALE CONNECTOR
NO LOCKING RING**



**FEMALE CONNECTOR
WITH LOCKING RING**



518 Sr. Housing and Panels

300 - 1,000 Amps

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518 Series Replacement Caps and Accessories

Mirco Series



Junior Series



Senior Series



Micro 518 Replacement Caps

A273700	Replacement Cap for 518 Micro Male Connectors and Receptacles
A273800	Replacement Cap for 518 Micro Female Connectors and Receptacles

518 Jr. Replacement Caps

A251850	Replacement Cap for 518 Jr. Male Connectors and Receptacles
A251851	Replacement Cap for 518 Jr. Female Connectors and Receptacles

518 Sr. Replacement Caps

A251867	Replacement Cap for 518 Sr. Male Connectors and Receptacles
A251870	Replacement Cap for 518 Sr. Female Connectors and Receptacles

Micro 518 Replacement Parts

CNC007293	Mounting Flange for All Micro 518 Receptacles
CNC007122	Locking Ring for Micro 518 Connectors

518 Jr. Replacement Parts

CNC006038	Mounting Flange for All 518 Jr. Receptacles
A006946	Locking Ring for all 518 Jr. Connectors and Receptacles

518 Sr. Replacement Parts

CNC006383	Mounting Flange for 518 Sr. Male Receptacles
CNC007342	Mounting Flange for 518 Sr. Female Receptacles
A006595	Locking Ring for all 518 Sr. Connectors

***Available in assorted colors**



**With over 70 years experience,
we know exactly what you need.**



Duraline was founded in 1946 as a supplier of safety-engineered electrical distribution systems for the shipbuilding industries. We have since grown to supply diverse industries such as petrochemical, aviation, medical, and entertainment.



Duraline products are proudly made in the U.S.A. All of the manufacturing is done in our Florida facility, established in 2012. To guarantee that our products are safe, we follow the most stringent manufacturing and quality control requirements and manufacture our products to conform with several recognized industry standards.



Duraline is committed to bringing the best product possible to our customers, including developing new products to match any needs our customers might have.

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Duraline®

Industrial Strength Electrical Products for Industrial Strength Users



Rev. 08132025

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