

Duraline®



E1022 / 22 Series Ball Nose Connectors



Industrial Strength Electrical Products for Industrial Strength Users



Duraline®

Single Pole J Series Connectors

Duraline has been manufacturing **Single Pole Ball Nose Cam-Type Connectors** since 1946. These connectors are designed for quick and safe power connections. High conductivity with low resistance is assured through connectors that lock tight and stay tight! When mated, our connectors are impervious to vibration and will not twist loose from cable flexing. Connectors are available in a variety of colors to allow for easy phase identification. These connectors were designed and are built to meet and exceed all U.S. Naval specifications.



All connectors and receptacles are rated 690a continuous, 1150a intermittent, and 600 volts AC/DC, have a NEMA 4 rating, and are listed to UL and CUL/CSA.

Male Ball Nose Connector Contact: DA200998-1		350 MCM Crimp Tube	Female Ball Nose Connector Contact: DA200027-9	
Sleeve	Complete		Complete	Sleeve
DA200060-1	E1022-100	Black	E1022-50	DA200061-1
DA200060-39	E1022-135	Blue	E1022-85	DA200061-39
DA200060-37	E1022-130	Brown	E1022-80	DA200061-37
DA200060-4	E1022-103	Orange	E1022-53	DA200061-4
DA200060-3	E1022-102	Red	E1022-52	DA200061-3
DA200060-6	E1022-105	White	E1022-55	DA200061-6
DA200060-2	E1022-101	Yellow	E1022-51	DA200061-2

Male Ball Nose Connector Contact: DA200998-2		500 MCM Crimp Tube	Female Ball Nose Connector Contact: DA200027-10	
Sleeve	Complete		Complete	Sleeve
DA200060-1	E1022-106	Black	E1022-56	DA200061-1
DA200060-39	E1022-136	Blue	E1022-86	DA200061-39
DA200060-37	E1022-131	Brown	E1022-81	DA200061-37
DA200060-4	E1022-109	Orange	E1022-59	DA200061-4
DA200060-3	E1022-108	Red	E1022-58	DA200061-3
DA200060-6	E1022-111	White	E1022-61	DA200061-6
DA200060-2	E1022-107	Yellow	E1022-57	DA200061-2



Male Ball Nose Connector Contact: DA200998-3		750 MCM Crimp Tube	Female Ball Nose Connector Contact: DA200027-11	
Sleeve	Complete		Complete	Sleeve
DA200060-7	E1022-112	Black	E1022-62	DA200061-7
DA200060-40	E1022-137	Blue	E1022-87	DA200061-40
DA200060-38	E1022-132	Brown	E1022-82	DA200061-38
DA200060-10	E1022-115	Orange	E1022-65	DA200061-10
DA200060-9	E1022-114	Red	E1022-64	DA200061-9
DA200060-12	E1022-117	White	E1022-67	DA200061-12
DA200060-8	E1022-113	Yellow	E1022-63	DA200061-8

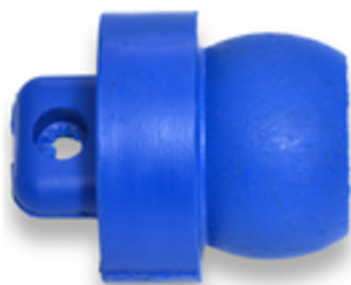
Single Pole Ball Nose Connectors Pre-Assembled to Cable

Duraline Single Pole Ball Nose Connectors are also available Factory Assembled directly to cable of various sizes and lengths. Each assembly is completely customizable to fit any need and can be attached in a number of ways; from vulcanization, to heat shrink, and also directly molded to cable. Any of these options can help ensure a long lasting water proof bond to the cable.



Single Pole Ball Nose Connectors and Caps

Duraline Single Pole Ball No Connectors and Caps are designed so that, when mated, they protect the contact and sleeve. These connectors and caps serve a wide variety of fields, and are made to endure some of the harshest conditions. The sleeves and caps are designed to ensure a long lasting, durable component.



Caps		
Male	Color	Female
A244408	Black	A265920
A244412	Blue	A265927
A244416	Brown	A265926
A244415	Orange	A265923
A244410	Red	A265922
A244409	White	A265925
A244414	Yellow	A265921



Mated caps not only protect the contact from the elements, but also protect from electrical shock. Caps fit all E1022 products



Single Pole Ball Nose Panel Mount Receptacles

Duraline's E1022 Male and Female Cam Type Receptacles' positive latching design ensures secure, vibration-resistant connections that won't loosen under heavy use, while the insulated push-button release allows fast, tool-free disconnects. Available in 30° and 90° configurations with water-tight, color-coded insulating sleeves, these connectors meet NEMA 4 standards and stringent Navy specifications.

Fully compatible with other 22 Series and E1022 Cam-Lok connectors.



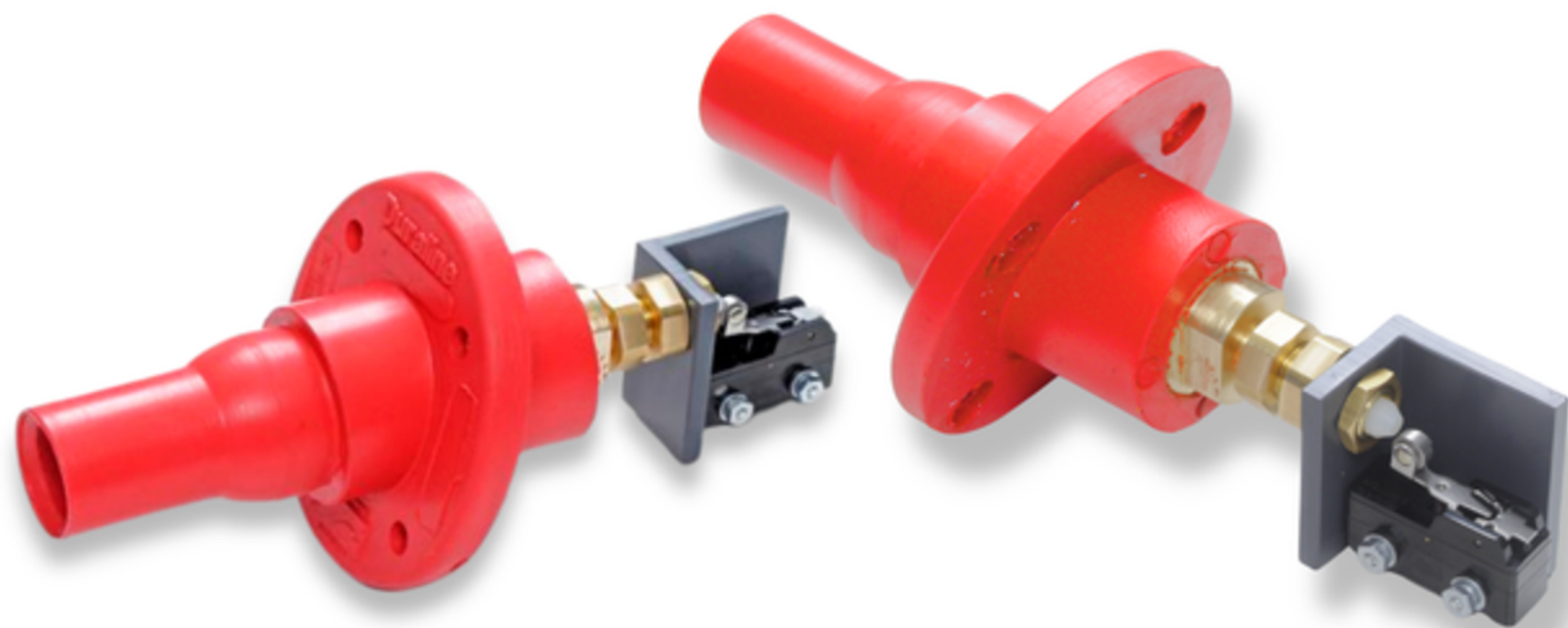
90° Receptacle

Male	Color	Female
DE1022-1600	Black	DE1022-1625
DE1022-1612	Blue	DE1022-1637
DE1022-1614	Brown	DE1022-1639
DE1022-1606	Orange	DE1022-1631
DE1022-1604	Red	DE1022-1629
DE1022-1610	White	DE1022-1635
DE1022-1602	Yellow	DE1022-1627

30° Receptacle

Male	Color	Female
DE1022-1620	Black	DE1022-1626
DE1022-1623	Blue	DE1022-1638
DE1022-1619	Brown	DE1022-1640
DE1022-1617	Orange	DE1022-1632
DE1022-1622	Red	DE1022-1630
DE1022-1621	White	DE1022-1636
DE1022-1616	Yellow	DE1022-1628

Single Pole Ball Nose 15° Receptacle with Microswitch



Duraline's 15° Single Pole J Series Receptacle with Microswitch is engineered for maximum safety and reliability in demanding power applications. Designed to meet military and OSHA specifications, this connector features a rugged molded support ring for panel or box mounting and is fully UL and CSA/CUL listed.

What sets the 15° Microswitch Receptacle apart is its built-in safety function: the microswitch ensures no power is engaged unless all connections are securely in place. This prevents accidental energization and eliminates the risk of multiple power sources engaging simultaneously—making it an essential choice for emergency generators, shipyards, and high-stakes industrial environments.

15° Receptacle With Micro Switch

Color	Female
Black	DE1022-1641
Blue	DE1022-1647
Brown	DE1022-1646
Orange	DE1022-1645
Red	DE1022-1643
White	DE1022-1642
Yellow	DE1022-1644

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Single Pole Ball Nose Field Attachable Connectors

Duraline's E1022 Field-Attachable Connectors are engineered for industries where reliability and adaptability are non-negotiable. Built with a rugged ball-nose positive latching system, these dual action connectors lock securely in place, resisting vibration and accidental disconnection in even the harshest environments. Their durable rubber housing ensures long-lasting performance, standing up to moisture, corrosion, and heavy use.

What sets the field-attachable E1022 apart is its design, giving technicians the ability to terminate and repair cables on-site. This flexibility reduces downtime, cuts costs, and ensures uninterrupted power delivery. UL/cUL listed and meeting Navy specifications, the E1022 delivers up to 690 amps continuous and 1150 amps intermittent at 600 volts AC/DC.

Perfect for shipyards, power plants, construction sites, and emergency power systems, the E1022 Series provides a safe, efficient, and serviceable solution for demanding high-power applications.

Double Set Screw		
Male	Color	Female
DE1022-106-DS1-FA	Black	DE1022-56-DS1-FA
DE1022-136-DS1-FA	Blue	DE1022-86-DS1-FA
DE1022-131-DS1-FA	Brown	DE1022-81-DS1-FA
DE1022-109-DS1-FA	Orange	DE1022-59-DS1-FA
DE1022-108-DS1-FA	Red	DE1022-58-DS1-FA
DE1022-111-DS1-FA	White	DE1022-61-DS1-FA
DE1022-107-DS1-FA	Yellow	DE1022-57-DS1-FA

350 MCM Crimp Tube		
Male	Color	Female
DE1022-100-FA	Black	DE1022-50-FA
DE1022-135-FA	Blue	DE1022-85-FA
DE1022-130-FA	Brown	DE1022-80-FA
DE1022-103-FA	Orange	DE1022-53-FA
DE1022-102-FA	Red	DE1022-52-FA
DE1022-105-FA	White	DE1022-55-FA
DE1022-101-FA	Yellow	DE1022-51-FA

500 MCM Crimp Tube		
Male	Color	Female
DE1022-106-FA	Black	DE1022-56-FA
DE1022-136-FA	Blue	DE1022-86-FA
DE1022-131-FA	Brown	DE1022-81-FA
DE1022-109-FA	Orange	DE1022-59-FA
DE1022-108-FA	Red	DE1022-58-FA
DE1022-111-FA	White	DE1022-61-FA
DE1022-107-FA	Yellow	DE1022-57-FA





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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