

POLARIS BLUE™ INSULATED CONNECTORS For Direct Burial & Submersible ISW SERIES



FEATURES

- For connecting two wires in-line.
- For direct burial and submersible applications (UL486D).
- Insulated with specially formulated high strength dielectric plastisol and molded for precise fit for a direct burial connection.
- Requires no taping, compounds, heat shrink or cutting-to-size in the field.
- Supplied with removable access plugs over the hex screws.
- Abrasion and chemical resistant. UV rated. Will not support combustion.
- Dual rated: Suitable for use with aluminum and/or copper conductors.
- Reusable.

RATINGS



UL Listed 486D Wire Connector.

TEMPERATURE RATING/VOLTAGE:

AL9CU. Cold temperature rated to -45 °C, rated 600V, 90 °C.

WIRE TYPE:

Suitable for use with aluminum and/or copper conductors. Approved for use with all conductors with insulation suitable for wet and/or damp locations. Not recommended for use with extra flexible cable (see Polaris Grey™ Series page 173).

INSTALLATION INSTRUCTIONS:

See page 213 for detailed installation information.



All dimensional data is listed in inches.

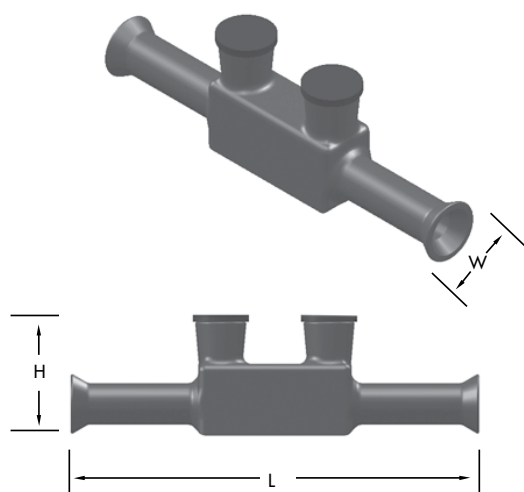
CAT. NO.	WIRE RANGE URD/USE THHN/XHHW*
ISW-3/0	3/0-1/0 AWG
ISW-250	250-4/0 AWG

* Not suitable for direct burial with THHN/XHHW wire. For use in enclosures only.

A properly installed connector will have no more than one conductor per port.



INSULATION		LENGTH (L)	WIDTH (W)	HEIGHT (H)	TORQUE VALUE (IN./LBS.)	HEX SIZE	STRIP LENGTH	STD. CTN. QTY.
MIN. DIA.	MAX. DIA.							
0.462	0.720	7.625	1.625	2.625	250	1/4	7/8	1
0.618	0.895	7.563	1.188	2.125	360	5/16	1-1/8	1



Polaris™ Blue custom connectors

Let us help you custom engineer and fabricate a UL Listed direct burial and submersible insulated connector for your next project. Choose any combination and quantity of our standard Polaris Blue and we'll build a connector to meet your exact requirements. Wire entry can even be from either side of the connector, based on your specific project needs. UL486D for direct burial or below ground use and submersible applications.