ISW SERIES - DIRECT BURIAL AND SUBMERSIBLE IN-LINE SPLICER/REDUCERS





ISW Series connectors are suitable for connecting two wires in-line and are UL Listed 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. Cold temperature rated to -45°C. Suitable for use with aluminum and/or copper conductors. 600 volts. 90°C. Reusable.

CAT.	UPC	WIRE RANGE INSULATION		HEX	WEIGHT	(INCHES)			STRIP	TIGHTENING	
NO.	CODE	URD/USE THHN/XHHW*	MIN DIA MAX DIA		SIZE	LBS.	LENGTH HEIGHT		WIDTH	LENGTH	TORQUE
ISW-4	78925	4-6 AWG	0.244	0.412	slotted	.12	6.39	1.38	.75	13/16	45
ISW-1	78926	1-2 AWG	0.352	0.582	3/16	.20	6.83	1.68	.88	27/32	150
ISW-3/0	78927	3/0-1/0 AWG	0.462	0.720	1/4	.25	7.05	1.78	.94	7/8	250
ISW-250	78928	250-4/0 AWG	0.618	0.895	5/16	.40	7.58	2.13	1.13	11/8	360

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™, page 88).

* 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.

IPLW AND ITW MULTI-CABLE CONNECTORS





Suitable for connecting multiple wires and are UL Listed (UL486D) for direct burial and submersible applications. 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. Cold temperature rated to -45°C. Suitable for use with aluminum and/or copper conductors. 600 volts. 90°C.

UPC	NO. OF	WIRE RANGE	INSUL	ATION	HEX	WEIGHT		(INCHES)		STRIP	TNG.
CODE	PORTS	URD/USE THHN/XHHW*	MIN DIA	MAX DIA	SIZE	LBS.	LENGTH	HEIGHT	WIDTH	LENGTH	TORQ.
95123	2	4-6 AWG	.244	.412	slotted	.11	1.68	1.38	3.26	3/16	45
95115	3	4-6 AWG	.244	.412	slotted	.19	2.64	1.38	3.26	³ /16	45
95116	4	4-6 AWG	.244	.412	slotted	.27	3.61	1.38	3.26	3/16	45
78929	5	4-6 AWG	.244	.412	slotted	.35	4.57	1.38	3.26	3/16	45
78930	6	4-6 AWG	.244	.412	slotted	.43	5.54	1.38	3.26	³ /16	45
95126	2	1-2 AWG	.352	.582	³ /16	.19	1.87	1.68	3.55	27/32	150
95121	3	1-2 AWG	.352	.582	3/16	.29	2.80	1.68	3.55	27/32	150
95122	4	1-2 AWG	.352	.582	3/16	.39	3.72	1.68	3.55	27/32	150
78931	5	1-2 AWG	.352	.582	3/16	.49	4.65	1.68	3.55	27/32	150
78932	6	1-2 AWG	.352	.582	3/16	.59	5.57	1.68	3.55	27/32	150
95124	2	3/0-1/0 AWG	.462	.720	1/4	.27	2.37	1.78	3.78	7/8	250
95117	3	3/0-1/0 AWG	.462	.720	1/4	.54	3.57	1.78	3.78	7/8	250
95118	4	3/0-1/0 AWG	.462	.720	1/4	.81	4.77	1.78	3.78	7/8	250
78933	5	3/0-1/0 AWG	.462	.720	1/4	1.08	5.97	1.78	3.78	7/8	250
78934	6	3/0-1/0 AWG	.462	.720	1/4	1.35	7.17	1.78	3.78	7/8	250
95125	2	250-4/0 AWG	.618	.895	5/16	.40	2.57	2.13	3.94	11/8	360
95119	3	250-4/0 AWG	.618	.895	5/16	.62	3.81	2.13	3.94	11/8	360
95120	4	250-4/0 AWG	.618	.895	5/16	.84	5.11	2.13	3.94	11/8	360
78935	5	250-4/0 AWG	.618	.895	5/16	1.06	6.41	2.13	3.94	11/8	360
78936	6	250-4/0 AWG	.618	.895	5/16	1.28	7.71	2.13	3.94	11/8	360
	95123 95115 95116 78929 78930 95126 95121 95122 78931 78932 95124 95117 95118 78933 78934 95125 95119	CODE PORTS 95123 2 95115 3 95116 4 78929 5 78930 6 95126 2 95121 3 95122 4 78931 5 78932 6 95124 2 95117 3 95118 4 78933 5 78934 6 95125 2 95119 3 95120 4 78935 5	CODE PORTS URD/USE THHN/XHHW* 95123 2 4-6 AWG 95115 3 4-6 AWG 95116 4 4-6 AWG 78929 5 4-6 AWG 78930 6 4-6 AWG 95126 2 1-2 AWG 95121 3 1-2 AWG 95122 4 1-2 AWG 78931 5 1-2 AWG 78932 6 1-2 AWG 95124 2 3/0-1/0 AWG 95117 3 3/0-1/0 AWG 95118 4 3/0-1/0 AWG 78933 5 3/0-1/0 AWG 78934 6 3/0-1/0 AWG 95125 2 250-4/0 AWG 95119 3 250-4/0 AWG 95120 4 250-4/0 AWG 78935 5 250-4/0 AWG	CODE PORTS URD/USE THEN/XHHWP MIN DIA 95123 2 4-6 AWG .244 95115 3 4-6 AWG .244 95116 4 4-6 AWG .244 78929 5 4-6 AWG .244 78930 6 4-6 AWG .244 95126 2 1-2 AWG .352 95121 3 1-2 AWG .352 95122 4 1-2 AWG .352 78931 5 1-2 AWG .352 78932 6 1-2 AWG .352 95124 2 3/0-1/0 AWG .462 95117 3 3/0-1/0 AWG .462 95118 4 3/0-1/0 AWG .462 78933 5 3/0-1/0 AWG .462 78934 6 3/0-1/0 AWG .462 95125 2 250-4/0 AWG .618 95120 4 250-4/0 AWG .618 95120 4	CODE PORTS URD/USE THHN/XHHWF MIN DIA MAX DIA 95123 2 4-6 AWG .244 .412 95115 3 4-6 AWG .244 .412 95116 4 4-6 AWG .244 .412 78929 5 4-6 AWG .244 .412 78930 6 4-6 AWG .244 .412 95126 2 1-2 AWG .352 .582 95121 3 1-2 AWG .352 .582 95122 4 1-2 AWG .352 .582 78931 5 1-2 AWG .352 .582 78932 6 1-2 AWG .352 .582 78932 6 1-2 AWG .352 .582 95124 2 3/0-1/0 AWG .462 .720 95117 3 3/0-1/0 AWG .462 .720 95118 4 3/0-1/0 AWG .462 .720 78933 5 3/0-1/0 AWG	CODE PORTS URD/USE THHN/XHHW* MIN DIA MAX DIA SIZE 95123 2 4-6 AWG .244 .412 slotted 95115 3 4-6 AWG .244 .412 slotted 95116 4 4-6 AWG .244 .412 slotted 78929 5 4-6 AWG .244 .412 slotted 78930 6 4-6 AWG .244 .412 slotted 95126 2 1-2 AWG .352 .582 3/16 95121 3 1-2 AWG .352 .582 3/16 95122 4 1-2 AWG .352 .582 3/16 78931 5 1-2 AWG .352 .582 3/16 78932 6 1-2 AWG .352 .582 3/16 95124 2 3/0-1/0 AWG .462 .720 1/4 95117 3 3/0-1/0 AWG .462 .720 1/4 78933	CODE PORTS URD/USE THEN/XHHW* MIN DIA MAX DIA SIZE LBS. 95123 2 4-6 AWG .244 .412 slotted .11 95115 3 4-6 AWG .244 .412 slotted .19 95116 4 4-6 AWG .244 .412 slotted .27 78929 5 4-6 AWG .244 .412 slotted .35 78930 6 4-6 AWG .244 .412 slotted .43 95126 2 1-2 AWG .352 .582 3/16 .19 95121 3 1-2 AWG .352 .582 3/16 .29 95122 4 1-2 AWG .352 .582 3/16 .39 78931 5 1-2 AWG .352 .582 3/16 .49 78932 6 1-2 AWG .352 .582 3/16 .59 95114 2 3/0-1/0 AWG .462 .720 <td>CODE PORTS URD/USETHHN/XHHW* MINI DIA MAX DIA SIZE LBS. LENGTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 95115 3 4-6 AWG .244 .412 slotted .19 2.64 95116 4 4-6 AWG .244 .412 slotted .27 3.61 78929 5 4-6 AWG .244 .412 slotted .35 4.57 78930 6 4-6 AWG .244 .412 slotted .43 5.54 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 95122 4 1-2 AWG .352 .582 3/16 .39 3.72 78931 5 1-2 AWG .352 .582 3/16 .49 4.65 78932 6 1-2 AWG<td>CODE PORTS URD/USE THRN/XGHNVF MIN DIA MAX DIA SIZE LBS. LENGTH REIGHT 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 1.68 95122 4 1-2 AWG .352 .582 3/16 .39 3.72 1.68 78931 5 1-2</td><td>CODE PORTS URD/USE THEN/XERIWY MIND DIA MAX DIA SIZE LBS. LENGTH HEIGHT WIDTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 3.26 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 3.26 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 3.26 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 3.26 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 3.26 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 3.55 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 1.68 3.55 95122 4 1-2 AWG .352</td><td>CODE PORTS URD/USETHEN/CHENCY MIN DIA MAX DIA SIZE LBS. LENGTH HEIGHT WIDTH LENGTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 3.26 3/16 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 3.26 3/16 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 3.26 3/16 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 3.26 3/16 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 3.26 3/16 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 3.55 2//32 95121 3 1-2 AWG .352 .582 3/16 .39 3.72</td></td>	CODE PORTS URD/USETHHN/XHHW* MINI DIA MAX DIA SIZE LBS. LENGTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 95115 3 4-6 AWG .244 .412 slotted .19 2.64 95116 4 4-6 AWG .244 .412 slotted .27 3.61 78929 5 4-6 AWG .244 .412 slotted .35 4.57 78930 6 4-6 AWG .244 .412 slotted .43 5.54 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 95122 4 1-2 AWG .352 .582 3/16 .39 3.72 78931 5 1-2 AWG .352 .582 3/16 .49 4.65 78932 6 1-2 AWG <td>CODE PORTS URD/USE THRN/XGHNVF MIN DIA MAX DIA SIZE LBS. LENGTH REIGHT 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 1.68 95122 4 1-2 AWG .352 .582 3/16 .39 3.72 1.68 78931 5 1-2</td> <td>CODE PORTS URD/USE THEN/XERIWY MIND DIA MAX DIA SIZE LBS. LENGTH HEIGHT WIDTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 3.26 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 3.26 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 3.26 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 3.26 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 3.26 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 3.55 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 1.68 3.55 95122 4 1-2 AWG .352</td> <td>CODE PORTS URD/USETHEN/CHENCY MIN DIA MAX DIA SIZE LBS. LENGTH HEIGHT WIDTH LENGTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 3.26 3/16 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 3.26 3/16 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 3.26 3/16 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 3.26 3/16 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 3.26 3/16 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 3.55 2//32 95121 3 1-2 AWG .352 .582 3/16 .39 3.72</td>	CODE PORTS URD/USE THRN/XGHNVF MIN DIA MAX DIA SIZE LBS. LENGTH REIGHT 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 1.68 95122 4 1-2 AWG .352 .582 3/16 .39 3.72 1.68 78931 5 1-2	CODE PORTS URD/USE THEN/XERIWY MIND DIA MAX DIA SIZE LBS. LENGTH HEIGHT WIDTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 3.26 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 3.26 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 3.26 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 3.26 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 3.26 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 3.55 95121 3 1-2 AWG .352 .582 3/16 .29 2.80 1.68 3.55 95122 4 1-2 AWG .352	CODE PORTS URD/USETHEN/CHENCY MIN DIA MAX DIA SIZE LBS. LENGTH HEIGHT WIDTH LENGTH 95123 2 4-6 AWG .244 .412 slotted .11 1.68 1.38 3.26 3/16 95115 3 4-6 AWG .244 .412 slotted .19 2.64 1.38 3.26 3/16 95116 4 4-6 AWG .244 .412 slotted .27 3.61 1.38 3.26 3/16 78929 5 4-6 AWG .244 .412 slotted .35 4.57 1.38 3.26 3/16 78930 6 4-6 AWG .244 .412 slotted .43 5.54 1.38 3.26 3/16 95126 2 1-2 AWG .352 .582 3/16 .19 1.87 1.68 3.55 2//32 95121 3 1-2 AWG .352 .582 3/16 .39 3.72

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™, page 88). A properly installed connector will have no more than one conductor per port.

POLARIS BLUE CUSTOM CONNECTORS

Let us 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 grade use and submersible applications.