

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. NO.	UPC CODE	WIRE RANGE URD/USE THHN/XHHW*	INSULATION		HEX SIZE	WEIGHT LBS.	(INCHES)			STRIP LENGTH	TIGHTENING TORQUE
			MIN DIA	MAX DIA			LENGTH	HEIGHT	WIDTH		
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	1 1/8	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



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CAT. NO.	UPC CODE	NO. OF PORTS	WIRE RANGE URD/USE THHN/XHHW*	INSULATION		HEX SIZE	WEIGHT LBS.	(INCHES)			STRIP LENGTH	TNG. TORQ.
				MIN DIA	MAX DIA			LENGTH	HEIGHT	WIDTH		
ITW-4	95123	2	4-6 AWG	.244	.412	slotted	.11	1.68	1.38	3.26	3/16	45
IPLW4-3	95115	3	4-6 AWG	.244	.412	slotted	.19	2.64	1.38	3.26	3/16	45
IPLW4-4	95116	4	4-6 AWG	.244	.412	slotted	.27	3.61	1.38	3.26	3/16	45
IPLW4-5	78929	5	4-6 AWG	.244	.412	slotted	.35	4.57	1.38	3.26	3/16	45
IPLW4-6	78930	6	4-6 AWG	.244	.412	slotted	.43	5.54	1.38	3.26	3/16	45
ITW-1	95126	2	1-2 AWG	.352	.582	3/16	.19	1.87	1.68	3.55	27/32	150
IPLW1-3	95121	3	1-2 AWG	.352	.582	3/16	.29	2.80	1.68	3.55	27/32	150
IPLW1-4	95122	4	1-2 AWG	.352	.582	3/16	.39	3.72	1.68	3.55	27/32	150
IPLW1-5	78931	5	1-2 AWG	.352	.582	3/16	.49	4.65	1.68	3.55	27/32	150
IPLW1-6	78932	6	1-2 AWG	.352	.582	3/16	.59	5.57	1.68	3.55	27/32	150
ITW-3/0	95124	2	3/0-1/0 AWG	.462	.720	1/4	.27	2.37	1.78	3.78	7/8	250
IPLW3/0-3	95117	3	3/0-1/0 AWG	.462	.720	1/4	.54	3.57	1.78	3.78	7/8	250
IPLW3/0-4	95118	4	3/0-1/0 AWG	.462	.720	1/4	.81	4.77	1.78	3.78	7/8	250
IPLW3/0-5	78933	5	3/0-1/0 AWG	.462	.720	1/4	1.08	5.97	1.78	3.78	7/8	250
IPLW3/0-6	78934	6	3/0-1/0 AWG	.462	.720	1/4	1.35	7.17	1.78	3.78	7/8	250
ITW-250	95125	2	250-4/0 AWG	.618	.895	5/16	.40	2.57	2.13	3.94	1 1/8	360
IPLW250-3	95119	3	250-4/0 AWG	.618	.895	5/16	.62	3.81	2.13	3.94	1 1/8	360
IPLW250-4	95120	4	250-4/0 AWG	.618	.895	5/16	.84	5.11	2.13	3.94	1 1/8	360
IPLW250-5	78935	5	250-4/0 AWG	.618	.895	5/16	1.06	6.41	2.13	3.94	1 1/8	360
IPLW250-6	78936	6	250-4/0 AWG	.618	.895	5/16	1.28	7.71	2.13	3.94	1 1/8	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).
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.

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