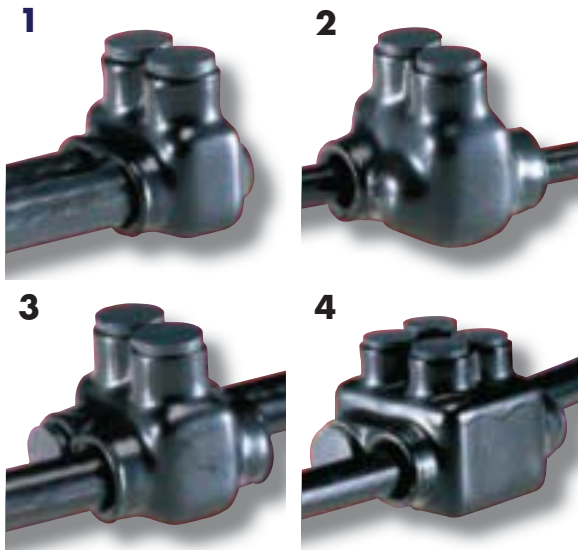


IT SERIES 



Insul-Tap connectors are suitable for connecting two wires. For sizes 3/0 AWG and smaller, they are available in two styles – with wires being connected from the same side of the connector (Figure 1) or opposite sides of the connector (Figure 2).

For sizes 250 MCM and larger, they are provided with open wire entry ports on both sides of the connector (Figure 3), which allows for access from either side. This style is supplied with removable access plugs to close the entry port not being utilized.

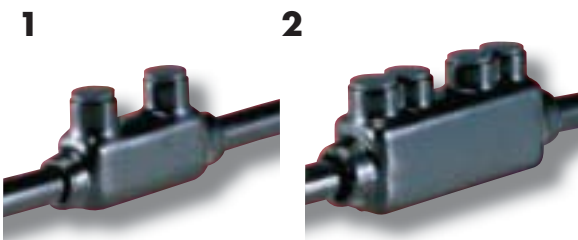
Abrasion and chemical resistant. UV rated. Will not support combustion. Cold temperature rated to -45°C. Dual rated for use with copper and/or aluminum cables. 600 volts. 90°C. To receive the material in bags, add “-B” to the catalog number.

Not recommended for fine-stranded, flexible wire. See Polaris Grey™ Series page 88.

CATALOG NO.	UPC CODE	FIGURE	WIRE RANGE	LENGTH	(INCHES)		HEX SIZE	CARTON QTY.	WEIGHT LBS.EA
					HEIGHT	WIDTH			
IT-4	95001	1	4-14	1.07	1.50	1.12	slotted	12	.06
ITO-4	95002	2	4-14	1.07	1.50	1.25	slotted	12	.06
IT4-A	95021	1	4-14	1.07	1.5	1.12	1/8	12	.06
IT4-S	95000	not pictured	4-14	0.7	1.5	1.12	slotted	12	.03
IT-1/0	95003	1	1/0-14	1.62	1.75	1.62	3/16	6	.13
ITO-1/0	95004	2	1/0-14	1.62	1.75	1.75	3/16	6	.13
IT-3/0	95005	1	3/0-6	1.84	1.87	1.75	1/4	6	.19
ITO-3/0	95006	2	3/0-6	1.84	1.87	1.87	1/4	6	.19
IT04-A	78924	2	4-14	1.07	1.5	1.25	1/8	12	.06
IT-250	95007	3	250-6	2.12	2.13	2.31	5/16	6	.24
IT-350	95008	3	350-6	2.47	2.44	2.50	5/16	4	.39
IT-500	95009	3	500-4	2.87	2.94	2.81	5/16	4	.53
IT-600††	78944	3	600-6	3.24	3.05	2.94	5/16	4	.80
IT-750*	95010	3	750-250	3.48	3.50	3.50	3/8	2	.94
ITH-750	92640	4	750-250	3.48	3.50	4.50	5/16	2	1.75

†† 600 Series are AL7CU and 75°C *Not UL Listed

ISR SERIES 



ISR Series connectors are suitable for connecting two wires in-line. Insulated with high dielectric strength plastisol and molded for precise fit. Supplied with removable access plugs over the hex screw.

Abrasion and chemical resistant. UV rated. Will not support combustion. Cold temperature rated to -45°C. Dual rated for use with copper and/or aluminum cables. 600 volts. 90°C. Not recommended for use with extra-flexible cables. See Polaris Grey™ Series page 88.

UPC NO.	UPC. NO	FIGURE	WIRE RANGE	LENGTH	(INCHES)		HEX SIZE	CARTON QTY.	WEIGHT LBS. EA
					HEIGHT	WIDTH			
ISR-1/0	95101	1	1/0-14	3.25	1.48	.90	3/16	4	.15
ISR-250	95102	1	250-6	4.00	1.90	1.19	5/16	4	.34
ISR-350	95103	1	350-6	4.47	2.20	1.32	5/16	2	.51
ISR-500	95104	1	500-4	4.62	3.00	1.62	5/16	2	.72
ISR-600††	78945	1	600-6	5.83	3.05	1.57	5/16	2	1.0
ISRH-750	92645	2	750-250	7.25	3.25	1.75	5/16	2	1.85

†† 600 Series are AL7CU and 75°C

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



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.

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.