Polaris Connectors
INSUL-TAP CONNECTORS FOR TWO WIRES & IN-LINE SPLICERS/REDUCERS

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 (Figure1) 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 3.

CATALOG NO.	UPC NO.	FIGURE	WIRE RANGE	(INCHES)			HEX SIZE	CARTON QTY.	WEIGHT LBS./EA
				LENGTH	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
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
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

*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 3.

CATALOG NO.	UPC NO.	FIGURE	WIRE RANGE	(INCHES)			HEX SIZE	CARTON QTY.	WEIGHT LBS./EA
				LENGTH	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