

POLARIS™ INSULATED CONNECTORS

Dual Rated Two-Wire

IT, ITO, ITH SERIES

FEATURES

- Insul-Tap connectors, suitable for connecting two wires.
- For sizes 3/0 AWG and smaller, available in two styles: 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, 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 resistant.
- Will not support combustion.

RATINGS



UL Listed 486B Wire Connector.

TEMPERATURE RATING/VOLTAGE:

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

WIRE TYPE:

Dual rated for use with copper and/or aluminum cables. Not recommended for fine-stranded, flexible wire (see Polaris Grey™ Series page 173).



All dimensional data is listed in inches.

CAT. NO.	FIG. NO.
IT-4	1
ITO-4	2
IT-4A	1
IT-1/0	1
ITO-1/0	2
IT-3/0	1
ITO-3/0	2
IT-250	3
IT-350	3
IT-500	3
IT-600	3
IT-750**	3
ITH-750	4

** IT-750 is not UL listed.



WIRE RANGE	NO. OF PORTS	LENGTH (L)	WIDTH (W)	HEIGHT (H)	TORQUE VALUE (IN./LBS.)	HEX/WRENCH SIZE	STD. CTN. QTY.
4-14 AWG	2	1.120	1.180	1.380	35	Slotted	12
4-14 AWG	2	1.120	1.250	1.380	35	Slotted	12
4-14 AWG	2	1.120	1.180	1.380	35	1/8	12
1/0-14 AWG	2	1.620	1.620	1.750	180	3/16	6
1/0-14 AWG	2	1.620	1.750	1.750	180	3/16	6
3/0-6 AWG	2	1.840	1.750	1.870	250	1/4	6
3/0-6 AWG	2	1.840	1.870	1.870	250	1/4	6
250 MCM-6 AWG	2	2.120	2.250	2.250	360	5/16	6
350 MCM-6 AWG	2	2.470	2.500	2.440	400	5/16	4
500 MCM-4 AWG	2	2.810	2.870	2.940	450	5/16	4
600 MCM-6 AWG	2	2.340	2.940	3.050	550	5/16	4
750-250 MCM	2	3.480	3.500	3.500	550	3/8	2
750-1/0 MCM	2	3.480	4.500	3.500	550	5/16	2

