POLARIS™
Pre-Insulated Connectors
Dual Rated Two-Wire
IT, ITO, ITH Series



c UL us LISTED

FEATURES

- Insul-Tap connectors, suitable for connecting two wires.
- For sizes 3/0AWG 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.

SPECIFICATIONS

- UL Listed 486B Wire Connector (Dry location).
- **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 for fine-stranded, flexible wire (see Polaris Grey™ Series page 13).
- **Torque Chart:** See page 34.

IT	ITO	ITH
		

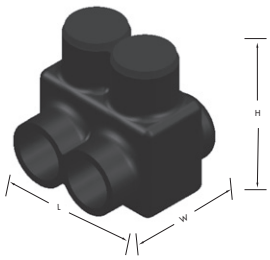


Figure varies by number of wire ports.

CAT. NO.	FIG. NO.	NO. OF PORTS	WIRE RANGE	LENGTH (L) (IN.)	WIDTH (W) (IN.)	HEIGHT (H) (IN.)	MAX. TORQUE VALUE (IN./LBS.)	HEX/WRENCH SIZE (IN.)		STD. CTN. QTY.
IT-4	1	2	4-14 AWG	1.120	1.180	1.380	45	Slotted	⬬	12
ITO-4	2	2	4-14 AWG	1.120	1.250	1.380	45	Slotted	⬬	12
IT-4A	1	2	4-14 AWG	1.120	1.180	1.380	45	1/8	⬢	12
IT-1/0	1	2	1/0-14 AWG	1.620	1.620	1.750	180	3/16	⬢	6
ITO-1/0	2	2	1/0-14 AWG	1.620	1.750	1.750	180	3/16	⬢	6
IT-3/0	1	2	3/0-6 AWG	1.840	1.750	1.870	250	1/4	⬢	6
ITO-3/0	2	2	3/0-6 AWG	1.840	1.870	1.870	250	1/4	⬢	6
IT-250	3	2	250 MCM-6 AWG	2.120	2.250	2.250	360	5/16	⬢	6
IT-350	3	2	350 MCM-6 AWG	2.470	2.500	2.440	400	5/16	⬢	4
IT-500	3	2	500 MCM-4 AWG	2.810	2.870	2.940	450	5/16	⬢	4
IT-600	3	2	600 MCM-6 AWG	2.340	2.940	3.050	550	5/16	⬢	4
IT-750 (Not UL LIsted)	3	2	750-250 MCM	3.480	3.500	3.500	550	3/8	⬢	2
ITH-750	4	2	750-1/0 MCM	3.480	4.500	3.500	550	5/16	⬢	2