

THE CHOICE IS CLEAR

Transparent pre-insulated connectors make it easy to see conductor placement, guaranteeing a high-quality connection. Key features include the comfortable ergonomic design, pre-filled oxide inhibitor and heavy-duty offerings rated for parallel runs. Usable on both line and load sides of an installation, Vision Tap is the most versatile multi-tap connector on the market.



THE VISION TAP ADVANTAGE

Clear Design

Visually confirm conductor placement for secure connections

Smooth Exterior Finish

Ergonomic design is comfortable to grip when applying torque

●●●● Parallel Rated ●●●● and UL Listed

Multiple parallel configurations tested for maximum ampacities

Removable Port Plugs

Secures entry port closures and ensures debris prevention

Pre-filled with Oxide Inhibitor

Corrosion prevention for low-contact resistance connections

UL Listed for Line Side of Service Equipment

Wide range of connector sizes meet NEC 230.46 code requirements. Scan the code below for a full list of UL-listed options.

MULTIPLE CONFIGURATIONS

SINGLE-SIDE ENTRY



DUAL-SIDE ENTRY



IN-LINE ENTRY



SINGLE-SIDE ENTRY

CATALOG NUMBER	WIRE RANGE (Kcmil/AWG)	PORTS	LENGTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	MAX AMP (ALUM-COPP)	HEX KEY (IN.)
IPL4-3C		3	1.63	1.24	1.36	75-95	1/8
IPL4-4C		4	2.06	1.24	1.36	75-95	1/8
IPL4-5C		5	2.48	1.24	1.36	75-95	1/8
IPL4-6C		6	2.90	1.24	1.36	75-95	1/8
IPL1/0-3C	1/0 - 14	3	2.33	1.55	1.74	135-170	3/16
IPL1/0-4C		4	2.98	1.55	1.74	135-170	3/16
IPL3/0-3C	3/0 - 6	3	2.71	1.60	1.83	175-225	1/4
IPL3/0-4C		4	3.49	1.60	1.83	175-225	1/4
IPL250-3C	250 - 6	3	3.01	2.01	2.29	230-290	5/16
IPL250-4C		4	3.88	2.01	2.29	410-527	5/16
IPL350-3C	350 - 10	3	3.55	2.13	2.68	280-350	5/16
IPL500-3C	500 - 4	3	4.04	2.500	2.95	350-430	5/16
IPL500-4C		4	5.19	2.500	2.95	631-806	5/16



POLARIS VISION TAP SPECIFICATIONS



DUAL-SIDE ENTRY

CATALOG NUMBER	WIRE RANGE (MCM/AWG)	PORTS	LENGTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	MAX AMP (ALUM-COPP)	HEX KEY (IN.)
IT-4C	4 - 14	2	1.21	1.24	1.36	75-95	1/8
IPLD4-3C		3	1.63	1.37	1.36	75-95	1/8
IPLD4-4C		4	2.06	1.37	1.36	75-95	1/8
IPLD4-5C		5	2.48	1.37	1.36	75-95	1/8
IPLD4-6C		6	2.90	1.37	1.36	75-95	1/8
IT-2C	2 - 14	2	1.32	1.24	1.39	100-130	5/32
IPLD2-3C		3	1.83	1.39	1.39	100-130	5/32
IPLD2-4C		4	2.34	1.39	1.39	100-130	5/32
IPLD2-5C		5	2.85	1.39	1.39	100-130	5/32
IPLD2-6C		6	3.36	1.39	1.39	100-130	5/32
IT-1/0C	1/0 - 14	2	1.68	1.55	1.74	135-170	3/16
IPLD1/0-3C		3	2.33	1.74	1.74	135-170	3/16
IPLD1/0-4C		4	2.98	1.74	1.74	135-170	3/16
IPLD1/0-5C		5	3.63	1.74	1.74	135-170	3/16
IPLD1/0-6C		6	4.28	1.74	1.74	135-170	3/16
IT-2/0C	2/0 - 14	2	1.78	1.55	1.77	150-195	3/16
IPLD2/0-3C		3	2.53	1.75	1.77	150-195	3/16
IPLD2/0-4C		4	3.28	1.75	1.77	150-195	3/16
IPLD2/0-5C		5	4.03	1.75	1.77	150-195	3/16
IPLD2/0-6C		6	4.78	1.75	1.77	150-195	3/16
IT-3/0C	3/0 - 6	2	1.93	1.60	1.83	175-225	1/4
IPLD3/0-3C		3	2.71	1.83	1.83	175-225	1/4
IPLD3/0-4C		4	3.49	1.83	1.83	175-225	1/4
IPLD3/0-6C		6	5.05	1.83	1.83	175-225	1/4
IT-250C	250 - 6	2	2.15	2.28	2.29	230-290	5/16
IPLD250-3C		3	3.01	2.28	2.29	230-290	5/16
IPLD250-4C		4	3.88	2.28	2.29	410-527	5/16
IPLD250-5C		5	4.74	2.28	2.29	410-527	5/16
IPLD250-6C		6	5.60	2.28	2.29	615-790	5/16
IPLD250-8C		8	7.32	2.28	2.29	820-1053	5/16
IT-350C	350 - 10	2	2.50	2.41	2.68	280-350	5/16
IPLD350-3C		3	3.55	2.41	2.68	280-350	5/16
IPLD350-4C		4	4.60	2.41	2.68	514-657	5/16
IPLD350-5C		5	5.65	2.41	2.68	514-657	5/16
IPLD350-6C		6	6.70	2.41	2.68	770-985	5/16
IPLD350-8C		8	8.80	2.41	2.68	1028-1314	5/16
IT-500C	500 - 4	2	2.90	2.83	2.95	350-430	5/16
IPLD500-3C		3	4.04	2.83	2.95	350-430	5/16
IPLD500-4C		4	5.19	2.83	2.95	631-806	5/16
IPLD500-5C		5	6.33	2.83	2.95	631-806	5/16
IPLD500-6C		6	7.48	2.83	2.95	946-1209	5/16
IPLD500-8C		8	9.77	2.83	2.95	1262-1612	5/16
IPLD500-10C		10	12.06	2.83	2.95	1262-1612	5/16

DUAL-SIDE ENTRY CON'T

CATALOG NUMBER	WIRE RANGE (MCM/AWG)	PORTS	LENGTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	MAX AMP (ALUM-COPP)	HEX KEY (IN.)
IT-600C	600 - 6	2	3.20	3.14	3.32	385-475	5/16
IPLD600-3C		3	4.50	3.14	3.32	385-475	5/16
IPLD600-4C		4	5.80	3.14	3.32	810-1035	5/16
IPLD600-5C		5	7.10	3.14	3.32	810-1035	5/16
IPLD600-6C		6	8.40	3.14	3.32	1215-1554	5/16
IPLD600-8C		8	11.00	3.14	3.32	1620-2070	5/16
IT-750C*	750 - 1/0	2	3.48	3.41	3.42	385-475	3/8
IPLD750-3C*		3	4.90	3.41	3.42	385-475	3/8
IPLD750-4C*		4	6.33	3.41	3.42	930-1178	3/8
IPLD750-6C*		6	9.18	3.41	3.42	1395-1767	3/8
IPLD750-8C*		8	12.03	3.41	3.42	1860-2356	3/8

IN-LINE ENTRY

CATALOG NUMBER	WIRE RANGE (Kcmil/AWG)	PORTS	LENGTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	MAX AMP (ALUM-COPP)	HEX KEY (IN.)
ISR-1/0C	1/0 - 14	2	3.23	0.96	1.74	135-170	3/16
ISR-250C	250 - 6	2	3.95	1.21	2.29	230-290	5/16
ISR-350C	350 - 10	2	4.47	1.33	2.68	280-350	5/16
ISR-500C	500 - 4	2	5.37	1.46	2.95	350-430	5/16
ISR-600C	600 - 6	2	6.10	1.77	3.32	385-475	5/16
ISRH-750C**	750 - 1/0	2	7.26	2.83	3.31	435-535	5/16

Wire/Cable Class

Use with Class B and C conductors

Dual Rated

Aluminum, Copper

Maximum Voltage

600V

Location

Dry locations only

Operating

Temperature Rating

-45°C to 90°C
(-49°F to 194°F)

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-45°C to 90°C
(-49°F to 194°F)

Material

6061-T6 aluminum alloy Insulated with high dielectric strength plastisol for increased chemical and abrasion protection

WIRE CONNECTOR



* IT, IPLD - 750MCM connectors are rated AL7CU, 75°C
** ISRH-750MCM connector is rated AL9CU, 90°C



Scan for full installation instructions

