

INSULATION PIERCING

Insulation Piercing Connectors

Type IPC

- Used for tap or splice applications
- **Dual rated for insulated copper and aluminum wire**
- For outdoor or indoor installation on energized conductor (tap must not be under load)
- Exclusive RED "Turbo Spacer" keeps tap side open while main conductor is being tightened
- Easy to install - captive hardware allows for single wrench installation, no special tools required
- Suitable for solid and/or stranded conductors
- Double shear-head bolts ensure proper torquing every time
- Connections are sealed by an integral rubber grommet
- Installations are watertight and corrosion free
- Totally insulated connectors eliminate need for tape or covers
- No contact at any point during installation with a live part
- Rated for 600 V, 90° C applications



486A-486B
AL9CU

Meets ANSI C119.4
Requirements

CATALOG NUMBER	CONDUCTOR RANGE		CURRENT RATING (AMPS)		APPROXIMATE DIMENSIONS (IN.)			TORQUE (INCH-LBS)	BOLT HEAD SIZE (IN.)	NUMBER OF BOLTS
	MAIN	TAP	COPPER	ALUMINUM	H	W	L			
IPC-2/0-10*	2/0-4	10-14	55	40	3.60	1.70	2.70	80	1/2	1
IPC-750-10*	750-3/0	10-14	55	40	4.30	2.40	2.80	80	1/2	1
IPC-1/0-2	1/0-8	2-10	190	150	3.70	2.00	3.00	80	1/2	1
IPC-1/0-1/0	1/0-8	1/0-8	190	150	3.70	2.00	3.00	125	1/2	1
IPC-4/0-2*	4/0-3	2-10	190	150	3.90	1.70	2.70	125	1/2	1
IPC-4/0-2/0	4/0-2	2/0-6	300	235	4.30	2.40	3.20	160	1/2	1
IPC-4/0-4/0	4/0-2	4/0-4	405	315	4.40	2.40	3.20	160	1/2	1
IPC-250-4/0	250-1	4/0-4	405	315	3.50	2.20	2.60	160	1/2	1
IPC-350-350	350-1/0	350-1/0	570	445	5.40	3.10	5.00	330	5/8	2
IPC-500-4/0	500-2/0	4/0-4	405	315	5.40	3.10	5.00	330	5/8	2
IPC-500-350	500-4/0	350-1/0	570	445	5.40	3.00	5.00	330	5/8	2
IPC-750-500	750-250	500-250	700	545	5.60	3.60	5.70	330	5/8	2

*Cannot be used as a splice

Connectors are not approved for submersible applications

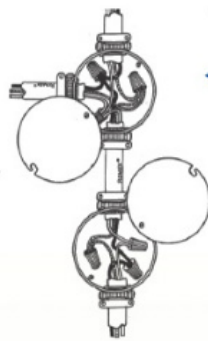
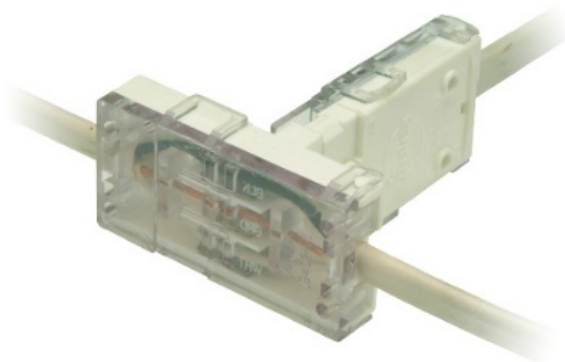
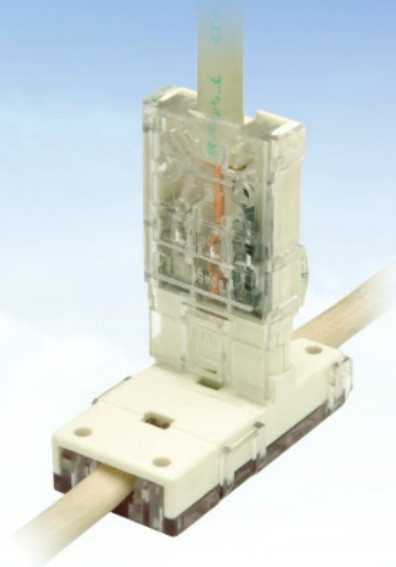
Not recommended for use with extra-flexible, fine stranded cables

Non-Metallic Tap Kit

Type NMTK 142-122

For use on non-metallic building wire

- Taps 14/2 and 12/2 non-metallic sheathed cable with ground
- 300 Volt, 20 Amp rating
- Applications include "built-on-site" type homes/structures, basements, attics, garages, suspended ceilings, etc., anywhere accessible
- Concealment applications per NEC:
 - Article 545, Manufactured Buildings
 - Article 550, Manufactured Homes
 - Article 551, Recreational Vehicles
- Eliminates junction boxes and the need to cut wire reducing installation time
- Compact, rugged design that includes double insulation displacement contacts for maximum conductivity
- Packaged as one kit per bag with installation instructions



◀ Old method for making tap connection