



X|LOK® SERIES

Key Features & Spec Overview

- Spring loaded Push Lock Design
- Power AC/DC, Data, Signal, Hybrid
- Saving On-Site Installation Time & Costs
- Eliminating Need For Training
- Exponentially Increase Installation Outputs
- Eliminating Workmanship Errors
- Waterproof IP68
- UL / CE Certified

Size \ Spec.	Pin #	Current Rating	Operating Temperature
Mini (A Size)	2P ~ 17P	2A ~ 16A	Receptacle -40 ~ 105
Standard (B Size)	2P ~ 8P	5A ~ 10A 10A+5A	Overmolded Cable Data:-20 ~ 80 Power:-20 ~ 105 Hybrid: -40 ~ 105
Middle (C Size)	2P ~ 12P	5A ~ 20A 10A+5A	
Large (D Size)	2P ~ 18P	5A ~ 20A 20A+5A	Field Installable -40 ~ 105



IP 68



UL 94-V0



RoHS
Compliance



REACH
Compliance



Audible
Feedback



UV
Resistant



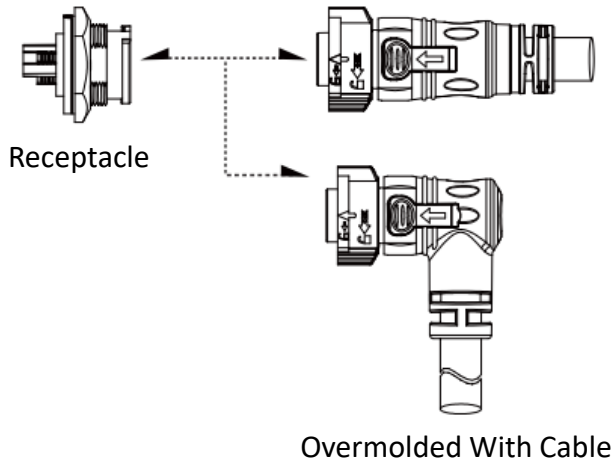
UL 1977
UL 2238 + 50e



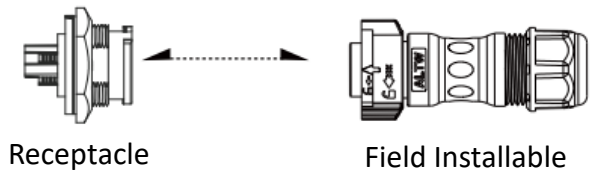
Push
Lock

Range Overview

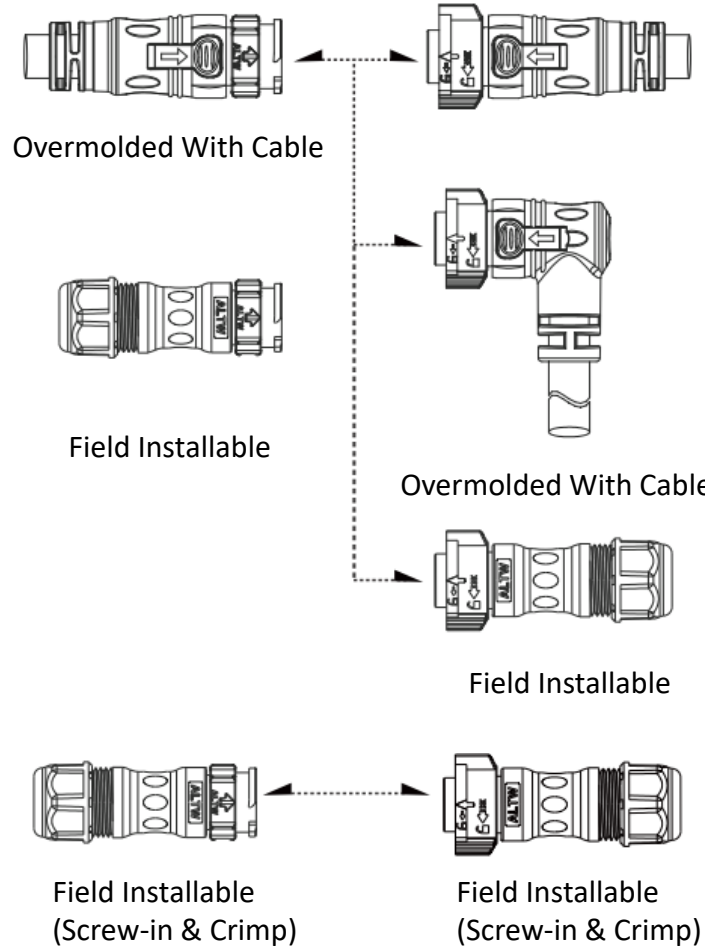
Receptacle to Overmolded with Cable



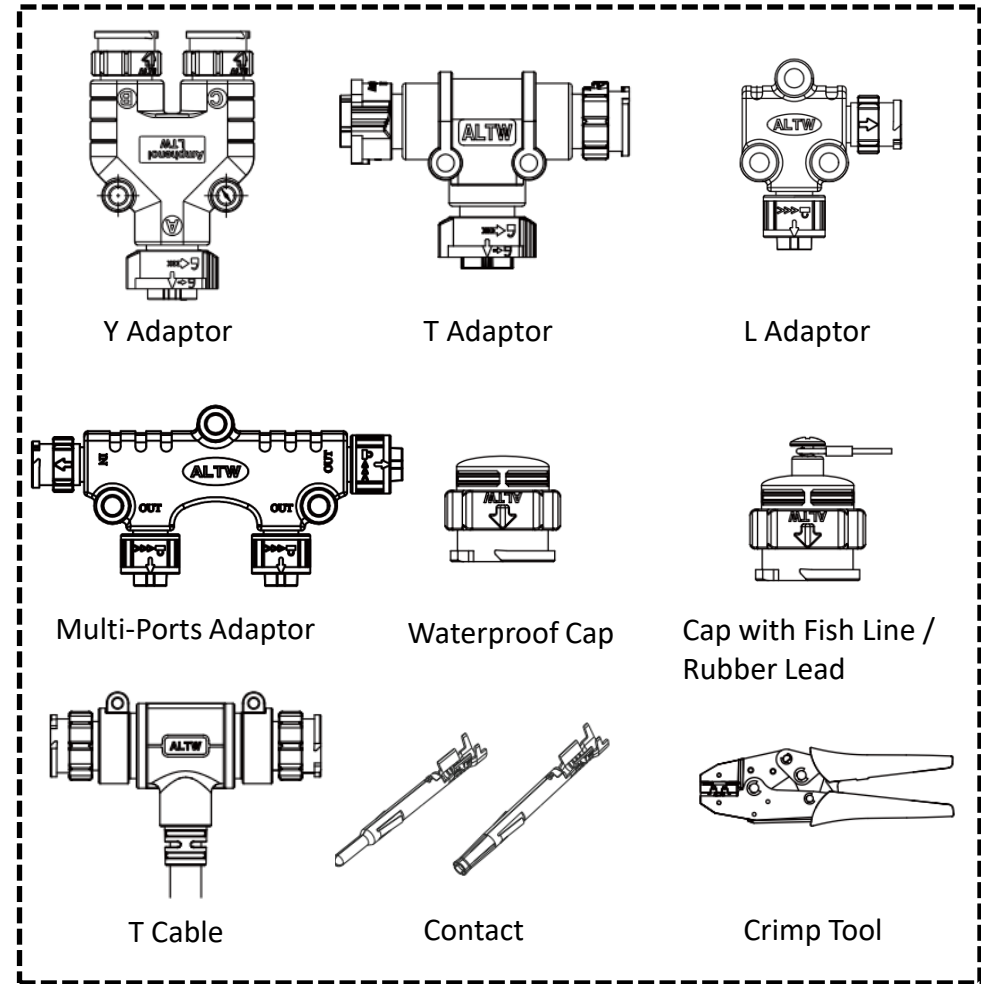
Receptacle to Field Installable



In-Line



Accessories



X-Lok A size to RJ45



Key Features:

- Intuitive Mating
- Audio Feedback
- Quick and Easy Installation
- Guided Key For Idiot-proof
- Cat 5e transmission speed (1Gbps)



Push
Lock



Audible
Feedback



1 Gbps



IP68
Mated

X-Lok B size with screw contacts



➤ Key Features

- ✓ Screw-in Terminal For Easy Wiring & Quick Mating
- ✓ Blind Mating & Audio Feedback
- ✓ UL 94V-0 Rated Material

➤ Current Rating & Pin Range

Rating	10A				
No. of Contacts	2		3		4
	MM/FF	MF/FM	MM/FF	MF/FM	MM/FF
Contact Configuration					



IP68
(1M/24hrs)



UV
Resistance



UL
94V-0



Audio
Feedback

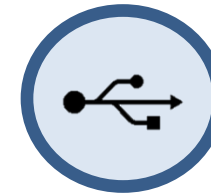


Screw-in
Termination

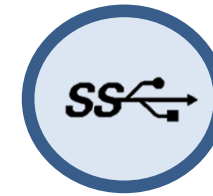


Quick
Installation

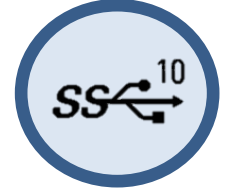
X-Lok A size metal High Speed)Cat 6a)



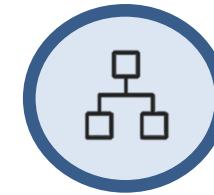
USB 2.0



USB 3.2
Gen1



USB 3.2
Gen2



Cat. 5e / Cat. 6A



HDMI

➤ Key Features

- ✓ Data Transmission Up To 10Gbps
- ✓ 360° Shielded
- ✓ Corrosion Resistance Up To 1,000h
- ✓ 1,000 Mating Cycles Durability
- ✓ IP68 Waterproof Rating (Mated / Unmated)

X-Lok Power 50A + 5A contacts

➤ Key Features

- ✓ High Power Transmission
- ✓ Hybrid Type Available
- ✓ Push-Lok Quick Mating

- ✓ Support AC / DC Applications

- ✓ UL 94V-0 Rated Material



IP68
(1M/24hrs)



UV
Resistance



UL
94V-0



Audio
Feedback



Compact
Design



Quick
Installation

➤ Available Pin Range

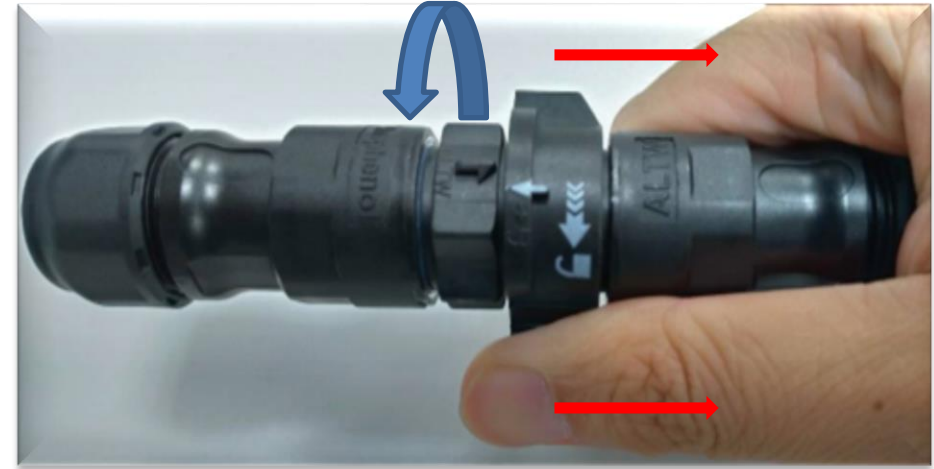
Male Conn. Female Pin			Female Conn. Male Pin		
2 Pin	4 Pin (2+2)	6 Pin (2+4)	2 Pin	4 Pin (2+2)	6 Pin (2+4)

Mating Style (Push-Lock)

Lock by pushing the connector to its counterpart



Unlock by twisting the female locking nut and pull



Intelligent Pre-Cabing System (IPCS)

Amphenol LTW Intelligent Pre-Cabing System (IPCS) is your right answer for the LED Lighting incorporation in indoor or outdoor applications. With the simplified design and wide flexibility, IPCS solves your needs for electrical wiring and cabling infrastructure as well as provides you large savings in your on-site installation time and cost. The concept of IPCS is suitable for ALTW's various connector series, ideal for large variety of customization.

Intelligent Pre-Cabing System Solution :

Outdoor Solution (IPX7)

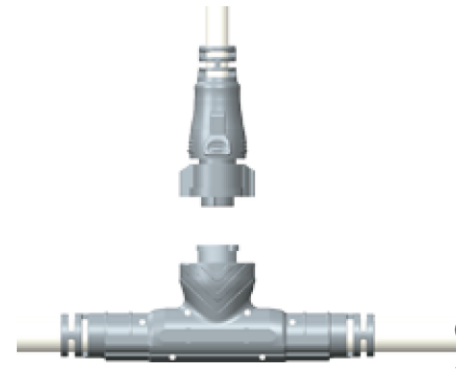


Trunk cable with drop cable

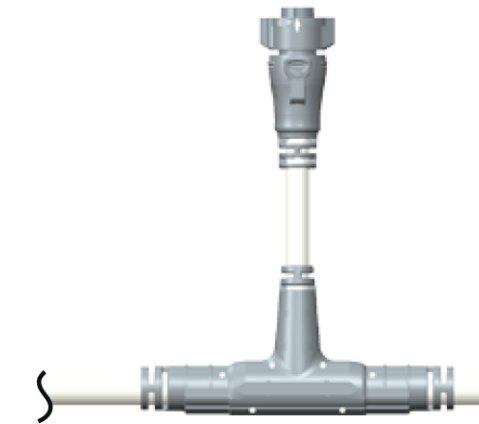


Trunk cable with receptacle

Indoor Solution



Trunk cable with receptacle



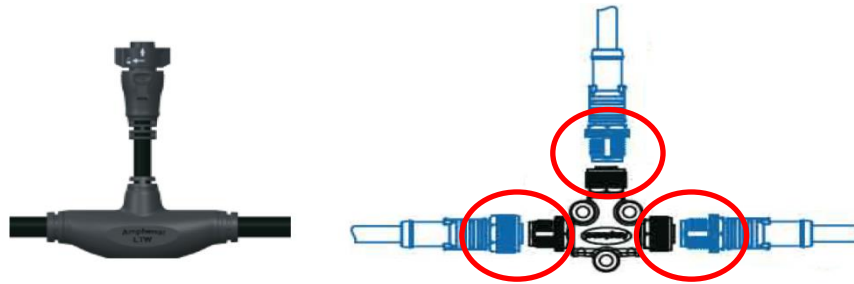
Trunk cable with drop cable

Intelligent Pre-Cabling System (IPCS) Video

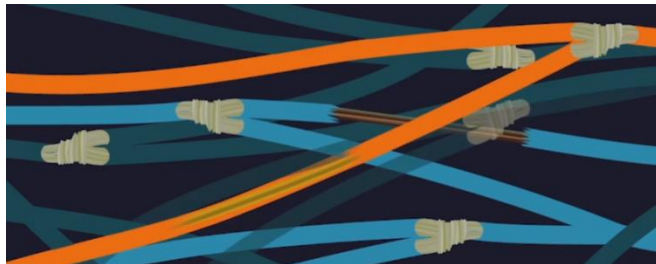


Intelligent Pre-Cabling System (IPCS)

1. **Saving Material Costs** Than Traditional Connection (For Example, 6 Connectors In A T-Junction.)



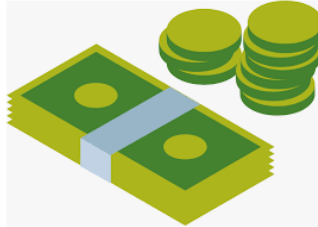
2. **Saving On-Site Installation Costs & Time** By ALTW X-Lok Overmolding Solution Than Traditional Electrical Wiring & Screw Thread Mating.



Intelligent Pre-Cabling System (IPCS)

3. Saving Training Time & Costs On Labors/Operators To Obtain Specific Wiring Or Installation Certificate.

Skilled



Non-skilled



4. Saving Maintenance Costs & Avoiding poor or incorrect wiring

