



10 Big Benefits of the Atlas-X1™ Jack

Atlas-X1 jacks are ideal for deployment in mission-critical networks delivering 1 to 40 Gb/s. Made in the USA, the robust component-rated jacks can be used in air-handling spaces and support Power over Ethernet up to 100 watts.

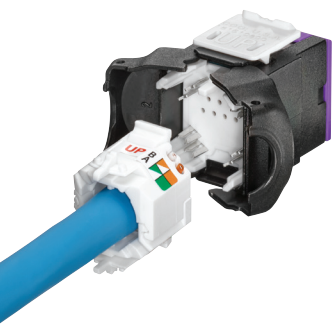
1

The Atlas-X1 jack is part of the first independently-verified, third-party certified Cat 8 system, with multiple patented technologies for **outstanding performance and reliability**



2

Internal shutters are available for Atlas-X1 jacks to protect your network against dust and debris, **increasing system longevity**

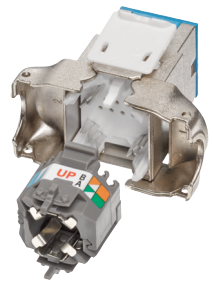


3

Atlas-X1 shielded and unshielded jacks offer same form factor and termination style across Categories 5e, 6, 6A, and 8. That means **installers benefit from learning only one termination process, consistent across the entire platform**

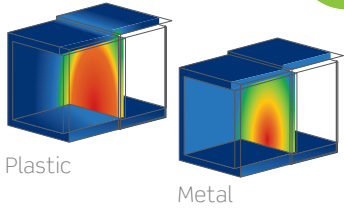
4

The jack features an innovative wire manager that allows for the industry's fastest tool-free termination and re-termination. This enables **easy and predictable installations, saving time and labour costs**



5

The component-rated jack has been tested to **support 100-watt Power over Ethernet (PoE)**



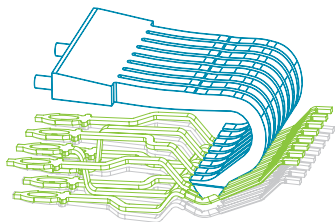
6

Atlas-X1 is the only unshielded jack to feature a **solid metal body, which dissipates heat 53% more efficiently than plastic alternatives in PoE applications**



7

For PoE, patented features keep the contact point between plug and jack away from potential electrical arcing damage, **maintaining the integrity of the connection**



8

Patented Retention Force Technology offers **additional protection and longevity**. It defends the jack from common 4P6C and 6P6C plugs or 4- or 6-pin probe damage, and protects against accidental disconnects.

9

Atlas-X1 is the industry's only jack that offers 13 icon colours for **easy network identification and simple application mapping**



10

It is the only known category-rated jack that is third-party tested and approved for use in air-handling spaces, **adding more network flexibility**

Ideal for Mission-Critical Applications

Data centres | Laboratories | Universities | Hospitals | Industrial | Finance