



Xtra-Guard Industrial Ethernet

Alpha Wire's new Xtra-Guard Industrial Ethernet product brings the rugged advantages of our renowned Xtra-Guard 4 cable in an Ethernet line. A wide temperature range and resistance in tough environments, Xtra-Guard Industrial Ethernet is the only solution when failure is not an option.

Where Do I Sell XG Industrial Ethernet?	What are its primary benefits?
• Military • Oil & Gas • Cold weather environments • Mining • Factory floor automation • Process control systems • PLC interconnect • Machine control interface • High-speed communications systems • Safety and security interconnect • Semiconductor OEMs	• Low temp range of -50°C • High temp of 105°C (PP core) and 125°C (FEP core) • Extra tough, abrasion-resistant Xtra-Guard 4 TPE jacket • Passes UL 1666 Riser & CSA FT-4 flame test • Sunlight resistant • Flexible & routable • Resistance to hazardous fluids • Choice of unshielded, foil shield, or Supra-Shield® Foil/Braid for best signal protection • Suitable for use in NFPA 79 applications

Talking Points:

- The FEP/TPE version of XG Industrial Ethernet with a -50°C to +125°C temp range comes with significant cost savings compared to Teflon-jacketed cables. Teflon Ethernet cable typically has a range of -70°C to +150°C, which is over engineered for most applications.
- XG Industrial Ethernet has superior cold bend radius of 4X OD for unshielded and 8X OD for shielded versions. This is 3x the low temp flexibility of PVC-jacketed Ethernet cable.
- XG Industrial Ethernet's proprietary TPE jacket features superior oil-, abrasion-, UV- and flame-resistance.
- Alpha's Supra-Shield® Foil/Braid offers both high- and low-frequency noise protection.
- The PP/TPE version of XG Industrial Ethernet provides a similarly wide temp range (-50°C to +105°C) with further cost savings and enhanced flexibility & routability.
- XG Industrial Ethernet has no minimum and is available in 500' and 1000' putups.
- 75% of XG Industrial Ethernet's constructions are stock items.
- For made-to-order items, there is a short 3-4 week lead time.
- The combination of XG Industrial Ethernet's durability and Alpha's service levels will result in a lower overall cost throughout the entire life cycle of your product.