

Xtra-Guard[®]
Industrial Ethernet Cable



Industrial Ethernet cable for the toughest network applications



Rugged connectivity that goes beyond factory tough

Alpha Wire's new line of Xtra-Guard® Industrial Ethernet cables give you rugged connectivity for your industrial networking needs.

Choose from the widest selection of materials, configurations, and shielding options to satisfy your needs for flexibility, fluid resistance, noise immunity, and other challenging application demands.

Designed for uncompromising performance to keep the network running anywhere, Alpha Wire's Industrial Ethernet cables feature an abrasion-resistant thermoplastic elastomer jacket with **three times the low-temperature flexibility, and resists solvents, chemicals, and fuels better than ordinary PVC.**

Exceptional performance

These new Cat 5e cables combine the advanced technology of Ethernet communications with the durability and temperature range of Alpha's renowned Xtra-Guard 4 jacket. The result is a flexible and routable Ethernet cable that provides rugged, reliable performance in the most extreme environments.

Available with your choice of insulations, unshielded, foil shield or Supra-Shield® foil + braid for exceptional EMI resistance, our FEP-insulated constructions provide a



temperature range of -50°C up to +125°C, and our polypropylene constructions perform at temperatures ranging from -50°C up to +105°C.

New! High Flex Cable

We now offer a high-flex version of Xtra-Guard Industrial Ethernet cable (7602F) ideal for motion control applications, rated for 10 million flex cycles.

In stock and available now

Xtra-Guard Industrial Ethernet cables are available from stock for same-day shipment in standard lengths of 500' and 1000'. The standard TPE jacket is available in black. Other colors, including red and teal, are available by special order.

Alpha Wire gives you a full range of Industrial Ethernet Cat 5e cables



24 AWG

Part No.	Shielding	Insulation	Temperature (°C)	Pairs	Conductors	Jacket
75020	Unshielded					
75021	Foil	PP	-50 to +105*	2		
75022	Foil/Braid					
76020	Unshielded				Stranded	
76021	Foil	PP	-50 to +105*	4		
76022	Foil/Braid					
7602F (High Flex)	Foil/Braid	PO	-40 to +80°C (static) -10 to 80°C (dynamic)			
75010	Unshielded					
75011	Foil	PP	-50 to +105*			TPE
75012	Foil/Braid			2		
75000	Unshielded					
75001	Foil	FEP	-50 to +125**			
75002	Foil/Braid				Solid	
76010	Unshielded					
76011	Foil	PP	-50 to +105*			
76012	Foil/Braid					
76000	Unshielded			4		
76001	Foil	FEP	-50 to +125**			
76002	Foil/Braid					

*UL riser rated at 75°C.

**UL riser rated at 105°C.

Approvals

- Meets ANSI/TIA-568-C.2 Cat 5e requirements
- Supports data rates up to Gigabit Ethernet
- UL Type CMR
- Passes UL 1666 Riser and CSA FT-4 flame test
- Suitable for use in NFPA 79 applications

Resistance

- Sunlight resistant
- Resistant to hazardous fluids
- Extra tough, abrasion-resistant TPE jacket is flexible and routable

Availability

- Choice of unshielded, foil shield, or Supra-Shield foil + braid for best EMI protection
- Available in 500' and 1000' lengths

For additional information and free samples, visit www.alphawire.com.

The cables you trust. The service you deserve.

Every application is critical and cable failure is not an option when the safety of your equipment and personnel is paramount. Specify Xtra-Guard Industrial Ethernet cable for extreme environments and crucial applications, since the integrity of your system is only as robust as the products you use.

Superior availability

Alpha offers Xtra-Guard Industrial Ethernet cables from stock in most sizes and constructions, in small quantities, so you can order them when you need them. Our products are available for same-day shipment, eliminating long lead times.

Service and support, second-to-none

Selecting the correct cable is essential to overall system reliability, performance, and safety. So we make it easy for you to select the right Alpha product for your specific application. Our online resources include a wire and cable selection guide, technical information, full product catalog, and a distributor locator to make it easy to select and get the cable, wire, and wire management accessories you need. Just visit **www.alphawire.com**!

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AlphaWire

Cables you trust. Service you deserve.