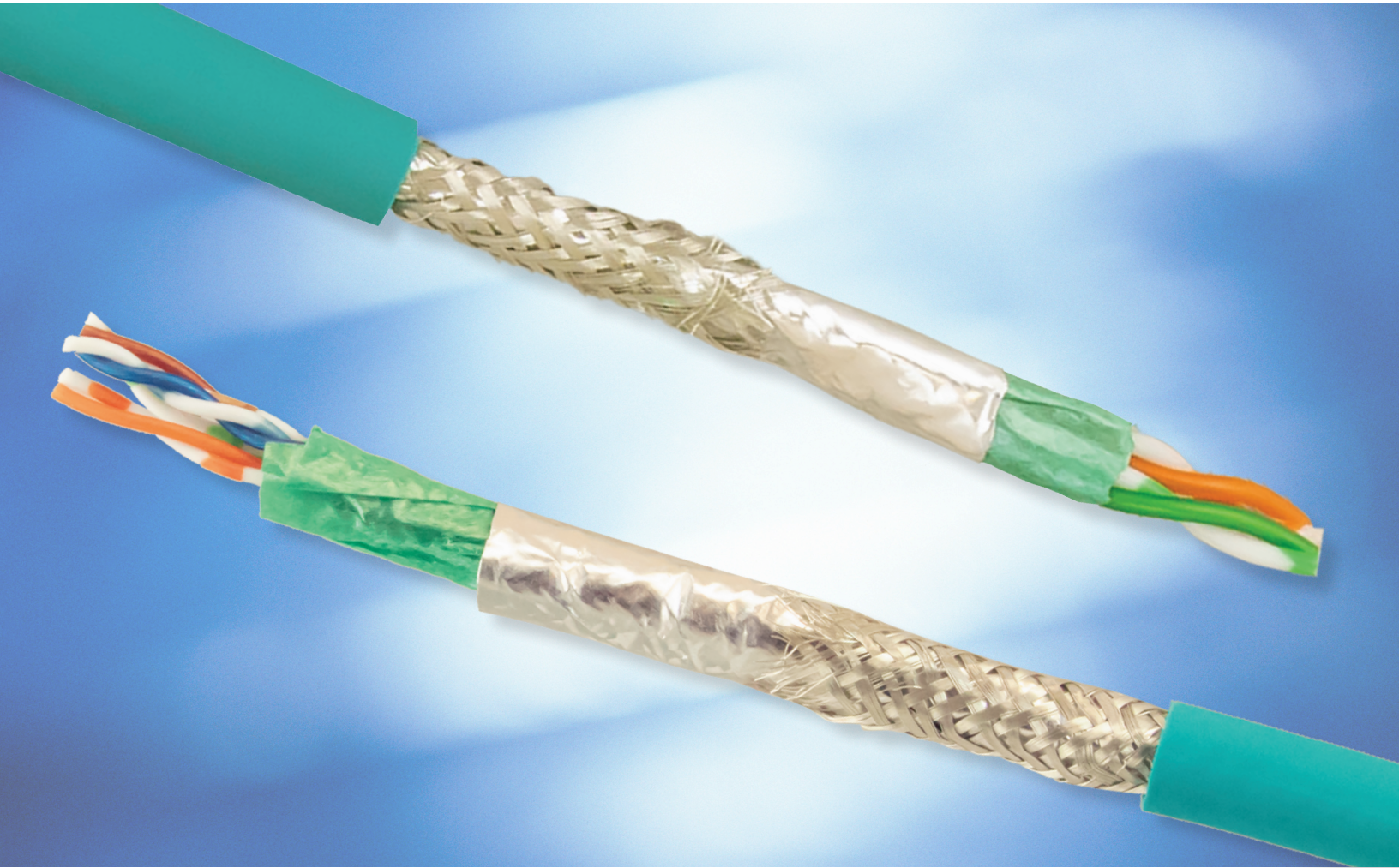


Continuous Flex-Rated Industrial Ethernet Cable



Designed to be Tough

Continuous Flex-Rated Industrial Ethernet Cable

Over the past 20 years, Ethernet has permeated the factory floor as the primary means of connecting automation systems and transmitting field data to the network. Alpha Wire's new Xtra-Guard® Industrial Ethernet flex cables are designed to ensure a reliable Ethernet network without compromising performance in continuous-flex applications.



Key Benefits

Designed to be Tough

Engineered to ensure maximum uptime, these cables feature an abrasion-resistant thermoplastic elastomer (TPE) jacket that offers three times the low-temperature flexibility of standard PVC, and is significantly more resistant to solvents, chemicals, flame and fuels.

Cost-Effective Installation

Select cables are available in PLTC to run directly from cable tray to device, cutting down on the cost and time required for overall installation and maintenance.

Superior Flex Capabilities

Rated for a minimum of 10 million continuous flex cycles and 3 million torsional flex cycles, Alpha Wire's new continuous-flex cable line is designed to provide exceptional performance in high flex, high torsion, and continuous flex applications.

Applications

Manufacturing and Robotics



- Pick-and-place/articulated
- Cartesian/gantry
- SCARA (Selective Compliance Assembly Robot Arm)
- Delta/parallel
- Machine tools

Motion Control



- High-speed vision systems
- Encoder/resolver applications
- Case formers and case packers
- Conveying systems
- Vacuum packaging

Specifications

	Part No.	Shielding	AWG	Pairs	Stranding	Ratings
5e	75030	Unshielded	24	2	7/32	CM, CMX-Outdoor, Oil Res II, Sun Res, Abrasion Res, ODVA
	76030	Unshielded	24	4	7/32	CM, CMX-Outdoor, Oil Res II, Sun Res, Abrasion Res, ODVA
	75031	Foil/Braid	24	2	7/32	CM, CMX-Outdoor, Oil Res II, Sun Res, Abrasion Res, ODVA
	76031	Foil/Braid	24	4	7/32	CMR, CMX-Outdoor, Oil Res II, Sun Res, Abrasion Res, ODVA
	75032	Foil/Braid	22	2	19/34	PLTC, ITC, CM, CMX-Outdoor Profinet Type B&C, Oil Res I/II, Sun Res, Abrasion Res
	75033	Foil/Braid	22	2	19/34	PLTC, ITC, CM, CMX-Outdoor, Oil Res I/II, Sun Res, Abrasion Res
	75034	Foil/Braid	22	2	19/34	PLTC, CM, CMX-Outdoor, Oil Res I/II, Sun Res, Abrasion Res, ODVA
6A	76032	Foil/Braid	24	4	7/32	CMR, CMX-Outdoor, Oil Res II, Sun Res, Abrasion Res, ODVA
	76033	Foil/Braid	26	4	7/34	CMR, CMX-Outdoor, Oil Res II, Sun Res, Abrasion Res

All cables have a TPE jacket material and HDPE insulation

All cables available in 100' and 1000' lengths

Abrasion resistant per UL 2556 7.10

Operating Temperature Range -40°C to 80°C

Approvals

UL AWM 2463	CE	RoHS compliant	Reach compliant
			