



EnduroFLEX®

The Longest-Lasting Flexible Cables for Automation Systems.

Robotics, automation equipment, packaging machinery and other repetitive-motion machinery destroy conventional cabling. EnduroFLEX cables are 300V and 600V dual-rated, non-paired industrial control cables built to withstand continuous bending and twisting motion.

	EnduroFLEX® XM	EnduroFLEX® CRXM	EnduroFLEX® ERP	Advanced EnduroFLEX® ERP	EnduroFLEX® M	EnduroFLEX® M/S	EnduroFLEX® I
	Continuous Flex	Cut Resistant Continuous Flex	Exposed Run Power	Advanced Exposed Run Power	Non-Shielded	Shielded	Harshest
FEATURES							
Signal	✓	✓	–	✓	✓	✓	–
Control	✓	✓	–	✓	✓	✓	–
Instrumentation	✓	✓	–	✓	✓	✓	–
Power	✓	✓	✓	✓	–	–	✓
ATTRIBUTES							
Low-Temperature Rating	-50°C	-50°C	-40°C	-40°C	-40°C	-40°C	-50°C
High-Temperature Rating	105°C	90°C	90°C	105°C	105°C	105°C	105°C
Cold Bend	-50°C	-50°C	-40°C	≤ -40°C	-40°C	-40°C	-50°C
Cold Impact	–	–	✓	✓	✓	✓	–
Impact Resistant	–	–	✓	✓	–	–	–
Crush Resistant	–	–	✓	✓	–	–	–
Flame Resistant	FT1	FT1	FT4/IEEE1202, UL1685 Vertical Tray	FT4/IEEE1202	FT1	FT1	FT2
Exposed Run Rated	–	–	✓	✓	–	–	–
Direct Burial Rated	–	–	✓	–	–	–	–
Wet Location Use	✓	✓	✓	✓	✓	✓	✓
Oil Resistant	★	★	I and II	I and II	★	★	★
Chemical Resistant	✓	✓	✓	✓	✓	✓	✓
Sunlight/UV Resistant	✓	✓	✓	✓	✓	✓	✓
Cut/Abrasion Resistant (unarmored)	–	✓	–	–	–	–	–
Weld Flash Resistant	✓	✓	–	✓	–	–	✓
Weld Slag Resistant	✓	✓	–	✓	–	–	✓
FLEXIBILITY							
Torsional Flex	20 million cycles	20 million cycles	★	1 million cycles	1 million cycles	1 million cycles	1 million cycles
Rolling Flex	20 million cycles	20 million cycles	★	1 million cycles	1 million cycles	1 million cycles	1 million cycles
Variable Flex	20 million cycles	20 million cycles	★	1 million cycles	1 million cycles	1 million cycles	1 million cycles
Bend Flex	20 million cycles	20 million cycles	★	1 million cycles	1 million cycles	1 million cycles	1 million cycles
Continuous Flex	20 million cycles	20 million cycles	★	1 million cycles	1 million cycles	1 million cycles	1 million cycles
STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE							
UL	✓	✓	✓	✓	✓	✓	✓
ANSI	✓	✓	✓	✓	✓	✓	✓
CSA	✓	✓	✓	✓	✓	✓	✓
cUL	–	–	–	★	–	–	–
CE	✓	✓	✓	✓	✓	✓	✓
NEC®	✓	✓	Article 400 & 407	Article 400 & 407	✓	✓	Article 400
NFPA 79	–	–	✓	–	–	–	–
RoHS2	✓	✓	✓	✓	✓	✓	✓
REACH	✓	✓	✓	✓	✓	✓	✓