

FEATURES:

- Signal
- Control
- Instrumentation
- Power

BENEFITS:

- UL listed, CSA certified and approved for CE Mark and ANSI, NEC®, NFPA, RoHS2 and REACH compliant options available
- High flex life reduces plant downtime, lowers maintenance costs and increases system reliability

- Exposed Run ratings reduce installation costs by eliminating conduits
- Suitable for outdoor use, rugged crush and impact resistant options available
- Select from flame resistant, water resistant, Oil I and II, chemical, sunlight resistant weld flash and weld slag options
- Composite and custom options available
- Overmold and assembly compatible
- Retractable options available

DYNAMIC RANGE OF USE

- Extreme bend performance across wide temperature range
- Diverse applications including medical, commercial and industrial
- Robotic automation for welding, military, commercial and industrial applications
- C-Track, Dancer arms, Trolleys and Machine Tools
- Material handling and Conveyor systems
- Variable Frequency Drives (VFD)
- Flexible Motor Supply Cables



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NWI EXPRESS
5 Days Design to Deliver

	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
INSULATED CONDUCTORS							
Conductor Count	2 or more	2 or more	2 or more	2 or more	2 or more	2 or more	2-6 conductors
AWG (mm2)	26 - 18 (0.14 - 0.824)	26 - 18 (0.14 - 0.824)	18 - 8 (0.824 - 8.37)	18 - 8 (0.824 - 8.37)	26 - 18 (0.14 - 0.824)	26 - 18 (0.14 - 0.824)	18 - 14 (0.824 - 2.08)
Stranding - Minimum strands or Diameter of individual strands AWG in inches (mm)	19 Strands minimum	19 Strands minimum	★	★	7 Strands minimum	7 Strands minimum	.0063 (0.160)
Material Type	Polyester	Polyester	PVC or PVC/Nylon	PVC or PVC/Nylon	PVC	PVC	TPE
Minimum Wall Thickness Inches (in)	.008 (0.203)	.008 (0.203)	Dependent on construction	Dependent on construction	.009 (0.229)	.009 (0.229)	.030 (0.762)
OVERALL CABLING							
Fillers	★	★	★	★	★	★	✓
Shielding	★	★	★	★	★	✓	-
Armoring	-	-	★	★	-	-	-
Wraps	★	★	★	★	★	★	★
Strength Members	★	★	★	★	★	★	★
OUTER JACKET							
Material	TPE	Polyurethane	TPE	TPE	PVC	PVC	TPE
Color	★	★	★	★	★	★	★
Overall OD inches (mm)	Dependent on AWG size and conductor count	Dependent on AWG size and conductor count	Dependent on AWG size and conductor count	Dependent on AWG size and conductor count	Dependent on AWG size and conductor count	Dependent on AWG size and conductor count	Dependent on AWG size and conductor count
ELECTRICAL							
Max. Operating Voltage - UL	Dual voltage rating 300V and 600V	Dual voltage rating 300V and 600V	600V	600V	300V	300V	300V
DC Resistance Max	Reference UL 444	Reference UL 444	Reference UL 444	Reference UL 444	Reference UL 444	Reference UL 444	Reference UL 444
DC Resistance Nominal	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166

Products

HIGH FLEX LIFE

STANDARDS, AGENCY AND ENVIRONMENTAL COMPLIANCE:



KEY:

- Not Applicable
- ✓ Featured
- ★ Cost Competitive Custom Options Available

FLEX:



EXTREME ENGINEERING:

