

OFF-THE-SHELF  
**2-METER  
MOLDED CABLES**

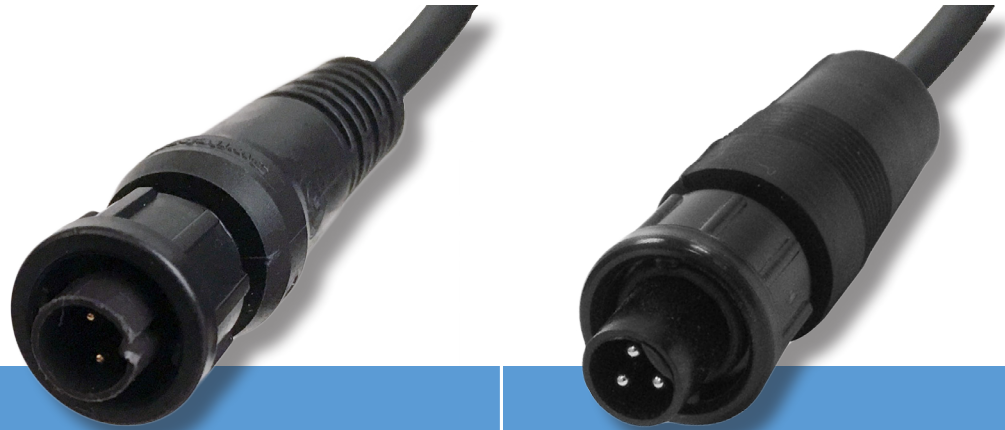
MICRO-CON-X<sup>®</sup> &  
EN2<sup>™</sup> SERIES  
CONNECTORS



**Switchcraft<sup>®</sup>**  
**CONXALL<sup>®</sup>**

HARSH ENVIRONMENT CONNECTIVITY SOLUTIONS

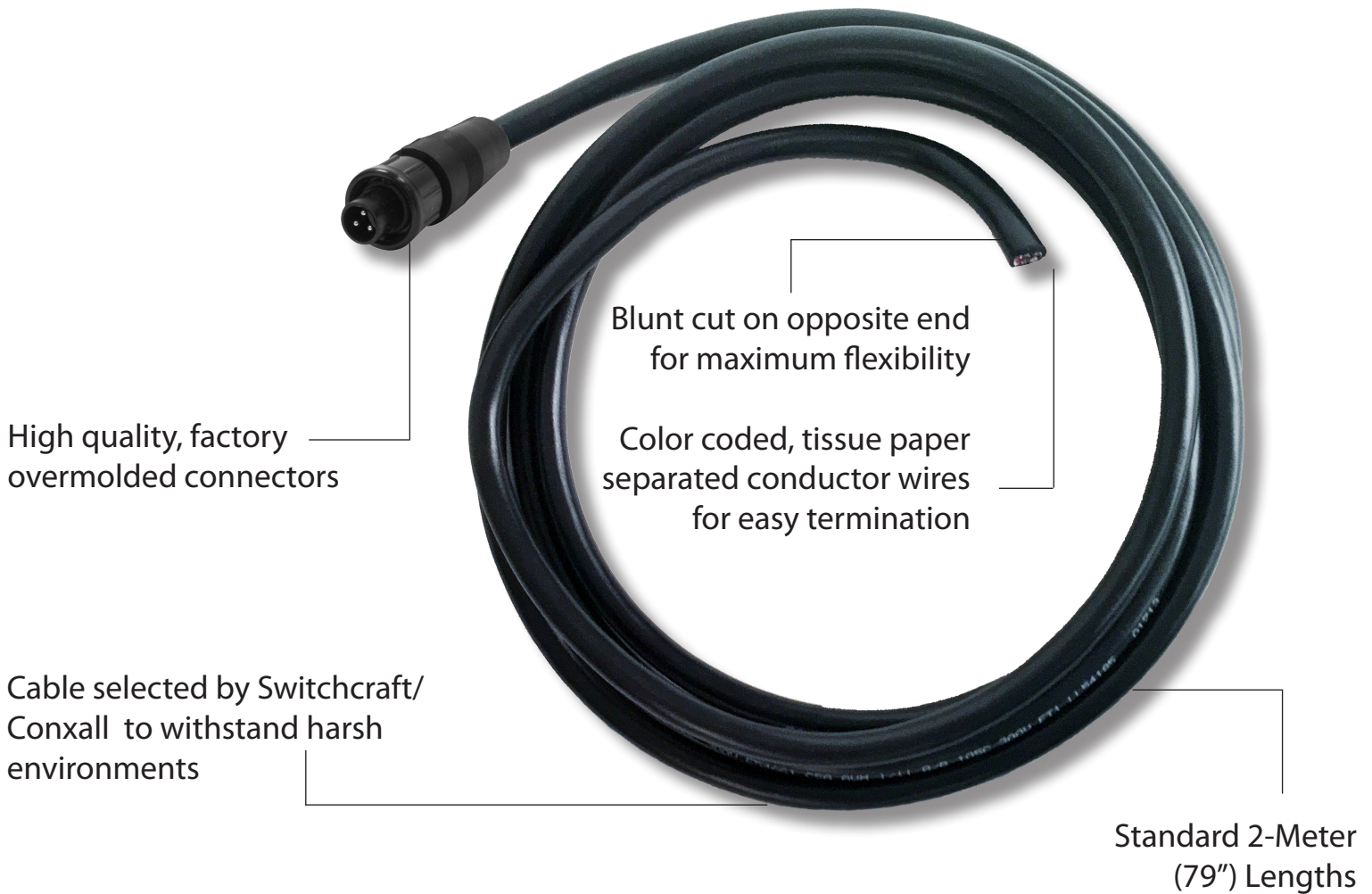
## DETAILS AND AVAILABLE PART NUMBERS



	EN2™	Micro-Con-X®
Seal Rating	IP68, integrated O-ring	IP67, separate O-ring
Voltage Rating	250V, AC/DC (2 position) 125V AC/DC (3 position)	600V, AC/DC
Life Rating	600 Insertion/Withdrawal Cycles	300 Insertion/Withdrawal Cycles
UV Resistance	UL F1 Rated Materials	Not Rated (Custom UV rated cables available, call factory)
Flex Relief	Molded 360° Flex Relief	Not Available

Configuration	EN2™ Part Number	Micro-Con-X® Part Number
Straight, 2-pos, Male	CAEN2C2M07990	CA162802P07990
Straight, 2-pos, Female	CAEN2C2F07990	CA162802S07990
Straight, 3-pos, Male	CAEN2C3M07990	CA162803P07990
Straight, 3-pos, Female	CAEN2C3F07990	CA162803S07990
Right Angle, 2-pos, Male	CARAEN2C2M07990	CARA162802P07990
Right Angle, 2-pos, Female	CARAEN2C2F07990	CARA162802S07990
Right Angle, 3-pos, Male	CARAEN2C3M07990	CARA162803P07990
Right Angle, 3-pos, Female	CARAEN2C3F07990	CARA162803S07990





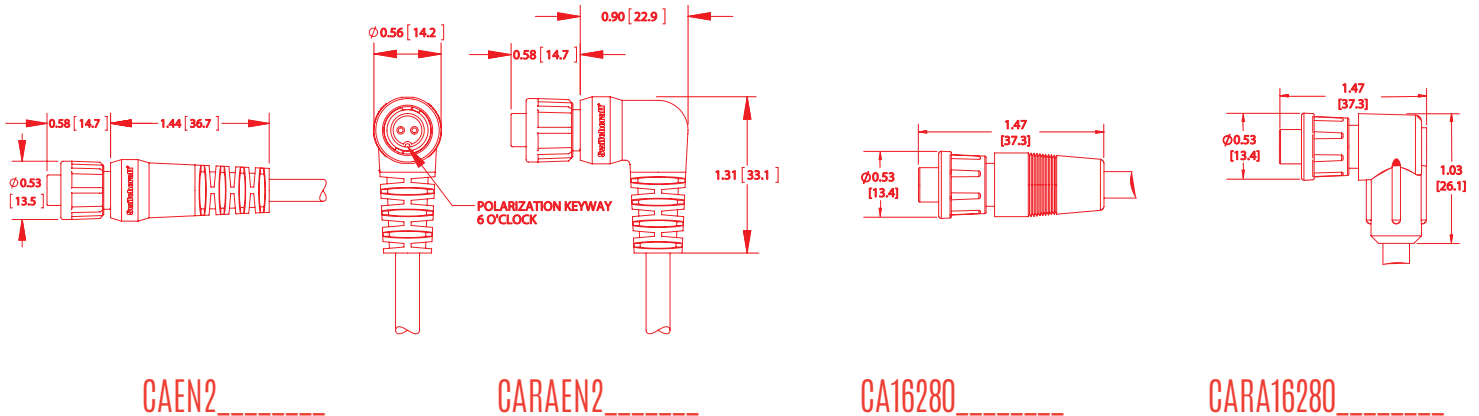
## FEATURES

- High quality molded cables now available as a standard, off-the-shelf item
- Single ended cable with blunt cut
- Straight or right angle connector options
- 2 or 3 conductor versions available
- Made in the USA
- Molded 360° Flex Relief (EN2™ only)
- Call factory for custom lengths and other configurable options
- See drawings on [Switchcraft.com](http://Switchcraft.com) for detailed specifications

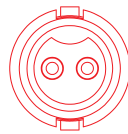
## CABLE SPECIFICATIONS

- Rated for 300 V
- 20 AWG Wire
- -30° C TO +105° C temperature rating
- Jacket Material: 30 mils PVC, black
- Conductor Insulation: 15 mils PVC
- UV & water resistant
- Color coded and tissue paper separated conductor wires
- UL Recognized, CSA Certified, and RoHS Compliant

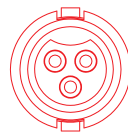
## CONNECTOR DIMENSIONS (Ref Only)



## CONTACT LAYOUTS (Connector Face Side)



2 POSITION  
#20 PIN & SOCKET  
CONTACT



3 POSITION  
#20 PIN & SOCKET  
CONTACT

## Mating Parts

Cable Part Number	Mating Cable-to-Cable*	Mating Panel Mount*	Cable Part Number	Mating Cable-to-Cable*	Mating Panel Mount*
CAEN2C2M07990	EN2L2FX	EN2P2FX	CA162802P07990	18282-2SG-318	17282-2SG-300
CAEN2C2F07990	EN2L2MX	EN2P2MX	CA162802S07990	18282-2PG-318	17282-2PG-300
CAEN2C3M07990	EN2L3FX	EN2P3FX	CA162803P07990	18282-3SG-318	17282-3SG-300
CAEN2C3F07990	EN2L3MX	EN2P3MX	CA162803S07990	18282-3PG-318	17282-3PG-300
CARAEN2C2M07990	EN2L2FX	EN2P2FX	CARA162802P07990	18282-2SG-318	17282-2SG-300
CARAEN2C2F07990	EN2L2MX	EN2P2MX	CARA162802S07990	18282-2PG-318	17282-2PG-300
CARAEN2C3M07990	EN2L3FX	EN2P3FX	CARA162803P07990	18282-3SG-318	17282-3SG-300
CARAEN2C3F07990	EN2L3MX	EN2P3MX	CARA162803S07990	18282-3PG-318	17282-3PG-300

\*Additional configurations, backshell & grommet sizes, and mounting styles available. Visit [Switchcraft.com](http://Switchcraft.com) for full product listing.