

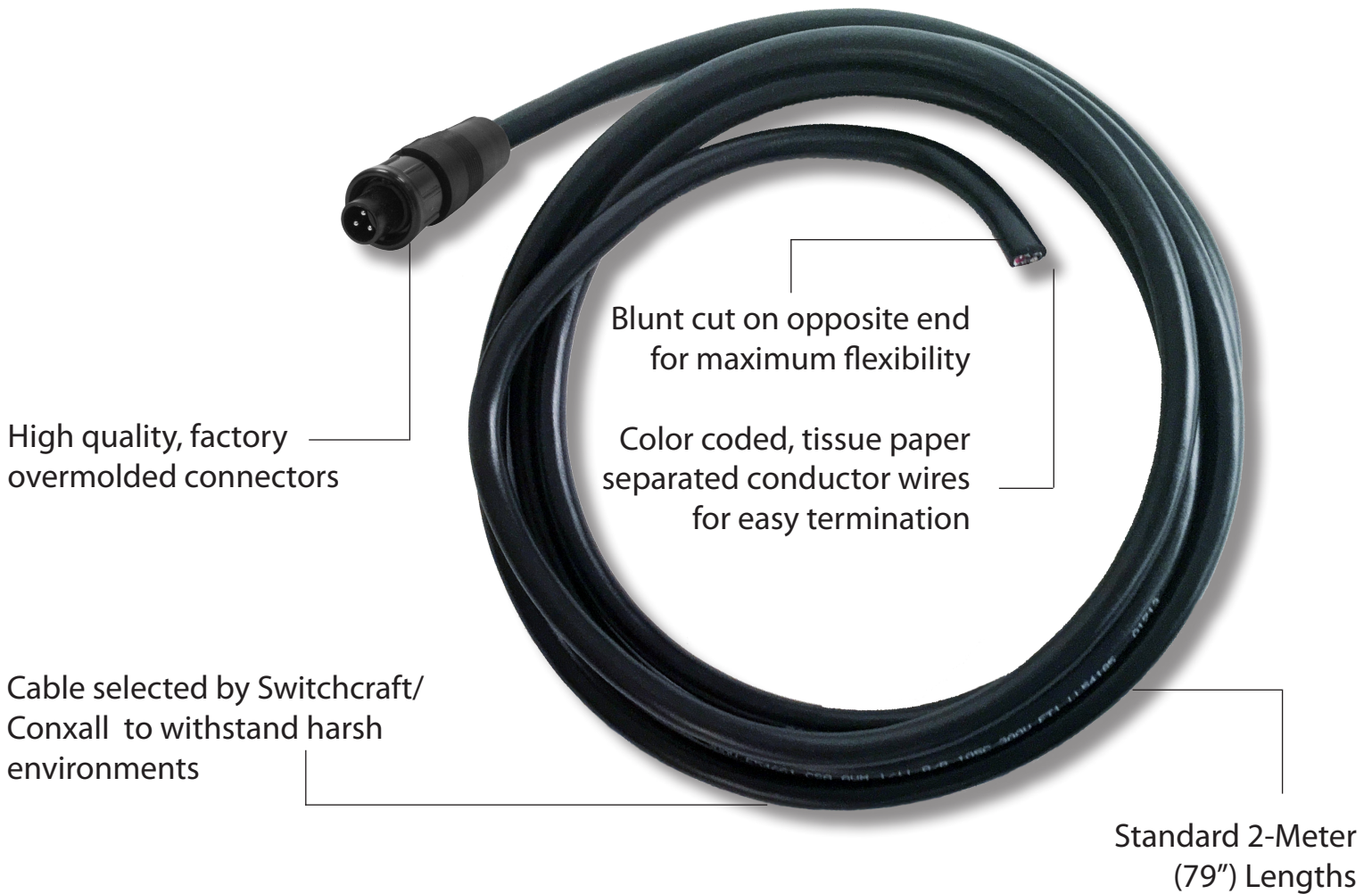
OFF-THE-SHELF  
**2-METER  
MOLDED CABLES**

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



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

HARSH ENVIRONMENT CONNECTIVITY SOLUTIONS



High quality, factory overmolded connectors

Blunt cut on opposite end for maximum flexibility

Color coded, tissue paper separated conductor wires for easy termination

Cable selected by Switchcraft/Conxall to withstand harsh environments

Standard 2-Meter (79") Lengths

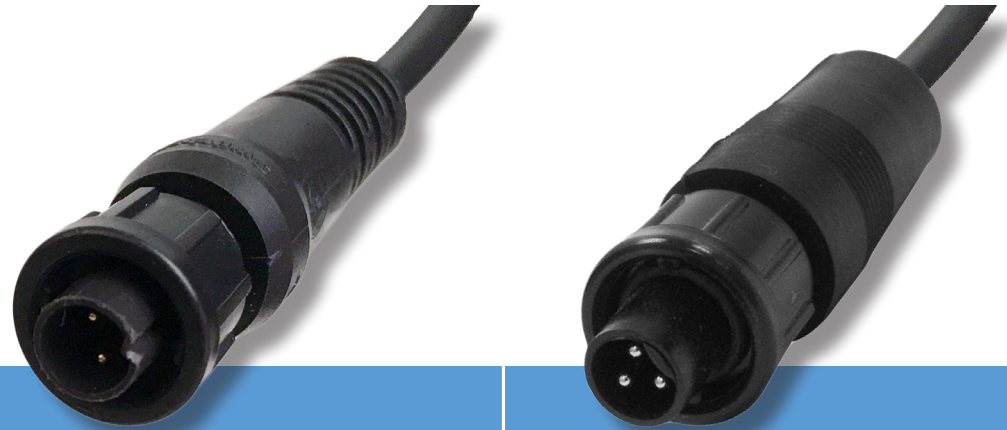
## FEATURES

- 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

## DETAILS AND AVAILABLE PART NUMBERS

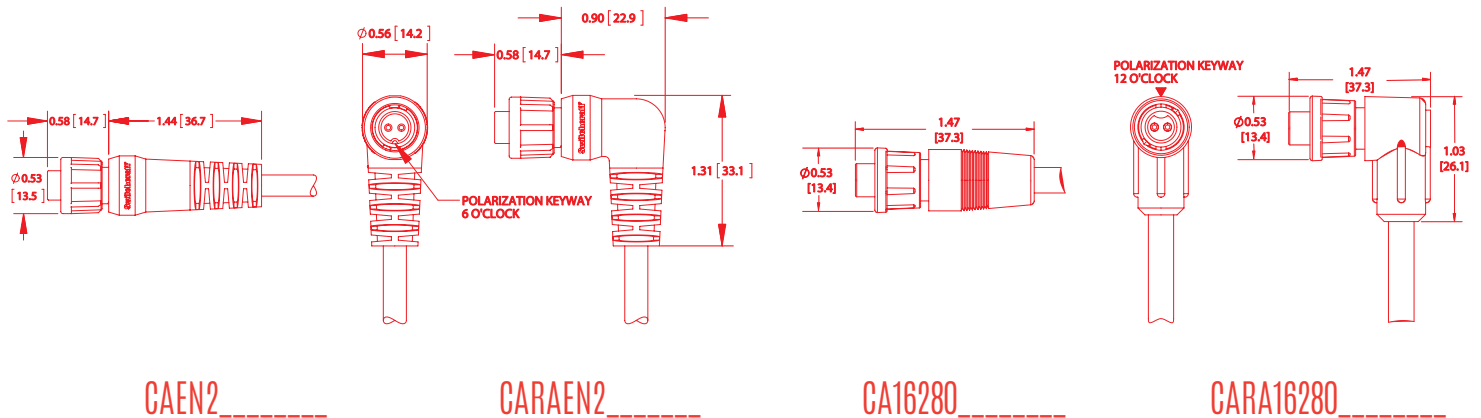


	EN2™	Micro-Con-X®
Seal Rating	IP68, integrated O-ring	IP67, separate O-ring
Voltage Rating	250V, AC/DC (2 position) 125V AC/DC (3 position)	600V, AC/DC
Life Rating	600 Insertion/Withdrawal Cycles	300 Insertion/Withdrawal Cycles
UV Resistance	UL F1 Rated Materials	Not Rated (Custom UV rated cables available,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

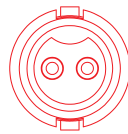
Configuration	EN2™ Part Number	Micro-Con-X® Part Number
Straight, 2-pos, Male	CAEN2C2M07990	CA162802P07990
Straight, 2-pos, Female	CAEN2C2F07990	CA162802S07990
Straight, 3-pos, Male	CAEN2C3M07990	CA162803P07990
Straight, 3-pos, Female	CAEN2C3F07990	CA162803S07990
Right Angle, 2-pos, Male	CARAEN2C2M07990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



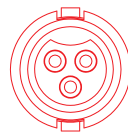
## CONNECTOR DIMENSIONS (Ref Only)



## 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	N/A	EN2P2FX	CA162802P07990	18282-2SG-318	17282-2SG-300
CAEN2C2F07990	N/A	EN2P2MX	CA162802S07990	18282-2PG-318	17282-2PG-300
CAEN2C3M07990	N/A	EN2P3FX	CA162803P07990	18282-3SG-318	17282-3SG-300
CAEN2C3F07990	N/A	EN2P3MX	CA162803S07990	18282-3PG-318	17282-3PG-300
CARAEN2C2M07990	N/A	EN2P2FX	CARA162802P07990	18282-2SG-318	17282-2SG-300
CARAEN2C2F07990	N/A	EN2P2MX	CARA162802S07990	18282-2PG-318	17282-2PG-300
CARAEN2C3M07990	N/A	EN2P3FX	CARA162803P07990	18282-3SG-318	17282-3SG-300
CARAEN2C3F07990	N/A	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.