



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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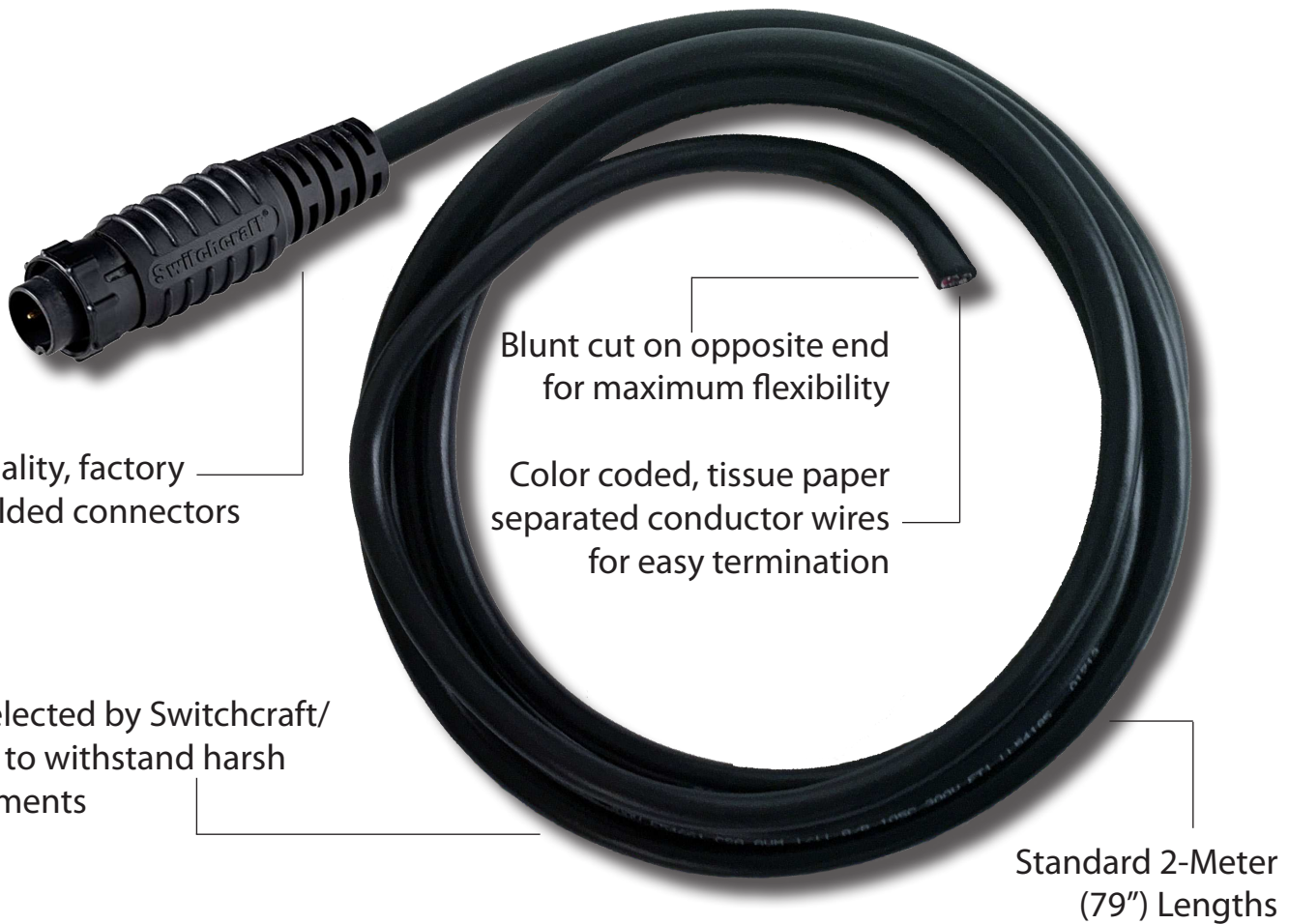
OFF-THE-SHELF  
**2-METER  
MOLDED CABLES**

MINI-CON-X<sup>®</sup> &  
EN3<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, 3, 4, 6, or 8 conductor versions available
- Made in the USA
- Molded 360° Flex Relief (EN3™ 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
- -30° C TO +105° C temperature rating
- Jacket Material: 30 mils PVC, black
- Conductor Insulation: 15 mils PVC
- UV & water resistant
- UL Recognized, CSA Certified, and RoHS Compliant



# DETAILS AND AVAILABLE PART NUMBERS



**EN3®**



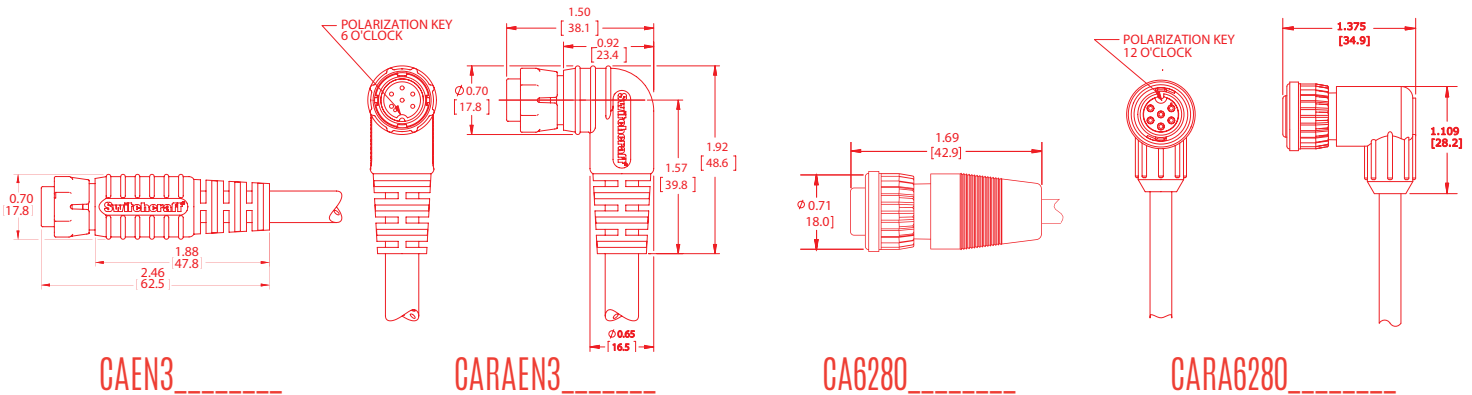
**Mini-Con-X®**

	<b>EN3®</b>	<b>Mini-Con-X®</b>
Seal Rating	IP68, integrated O-ring	IP67, separate O-ring
Voltage Rating	250V, AC/DC	300V, 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

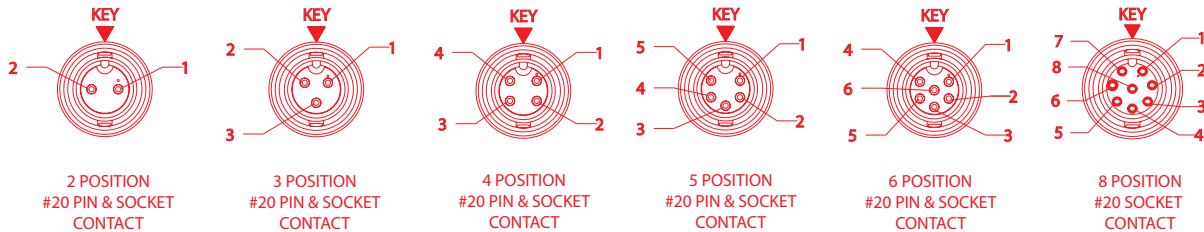
Configuration	EN3® Part Number	Mini-Con-X® Part Number
Straight, 2-pos, Male	CAEN3C2M07990	CA62802P07990
Straight, 2-pos, Female	CAEN3C2F07990	CA62802S07990
Straight, 3-pos, Male	CAEN3C3M07990	CA62803P07990
Straight, 3-pos, Female	CAEN3C3F07990	CA62803S07990
Straight, 4-pos, Male	CAEN3C4M07990	CA62804P07990
Straight, 4-pos, Female	CAEN3C4F07990	CA62804S07990
Straight, 5-pos, Male	CAEN3C5M07990	CA62805P07990
Straight, 5-pos, Female	CAEN3C5F07990	CA62805S07990
Straight, 6-pos, Male	CAEN3C6M07990	CA62806P07990
Straight, 6-pos, Female	CAEN3C6F07990	CA62806S07990
Straight, 8-pos, Female	CAEN3C8F07990	CA62808S07990
Right Angle, 2-pos, Male	CARAEN3C2M07990	CARA62802P07990
Right Angle, 2-pos, Female	CARAEN3C2F07990	CARA62802S07990
Right Angle, 3-pos, Male	CARAEN3C3M07990	CARA62803P07990
Right Angle, 3-pos, Female	CARAEN3C3F07990	CARA62803S07990
Right Angle, 4-pos, Male	CARAEN3C4M07990	CARA62804P07990
Right Angle, 4-pos, Female	CARAEN3C4F07990	CARA62804S07990
Right Angle, 5-pos, Male	CARAEN3C5M07990	CARA62805P07990
Right Angle, 5-pos, Female	CARAEN3C5F07990	CARA62805S07990
Right Angle, 6-pos, Male	CARAEN3C6M07990	CARA62806P07990
Right Angle, 6-pos, Female	CARAEN3C6F07990	CARA62806S07990



## CONNECTOR DIMENSIONS (Ref Only)



## CONTACT LAYOUTS (Connector Face Side)



## Mating Parts

Cable Part Number	Mating Cable-to-Cable*	Mating Panel Mount*	Cable Part Number	Mating Cable-to-Cable*	Mating Panel Mount*
CAEN3C2M07990	EN3L2FX	EN3P2FX	CA62802P07990	8282-2SG-3DC	7282-2SG-300
CAEN3C2F07990	EN3L2MX	EN3P2MX	CA62802S07990	8282-2PG-3DC	7282-2PG-300
CAEN3C3M07990	EN3L3FX	EN3P3FX	CA62803P07990	8282-3SG-3DC	7282-3SG-300
CAEN3C3F07990	EN3L3MX	EN3P3MX	CA62803S07990	8282-3PG-3DC	7282-3PG-300
CAEN3C4M07990	EN3L4FX	EN3P4FX	CA62804P07990	8282-4SG-3DC	7282-4SG-300
CAEN3C4F07990	EN3L4MX	EN3P4MX	CA62804S07990	8282-4PG-3DC	7282-4PG-300
CAEN3C5M07990	EN3L5FX	EN3P5FX	CA62805P07990	8282-5SG-3DC	7282-5SG-300
CAEN3C5F07990	EN3L5MX	EN3P5MX	CA62805S07990	8282-5PG-3DC	7282-5PG-300
CAEN3C6M07990	EN3L6FX	EN3P6FX	CA62806P07990	8282-6SG-3DC	7282-6SG-300
CAEN3C6F07990	EN3L6MX	EN3P6MX	CA62806S07990	8282-6PG-3DC	7282-6PG-300
CAEN3C8F07990	EN3L8MX	EN3P8MX	CA62808S07990	8282-8PG-3DC	7282-8PG-300
CARAEN3C2M07990	EN3L2FX	EN3P2FX	CARA62802P07990	8282-2SG-3DC	7282-2SG-300
CARAEN3C2F07990	EN3L2MX	EN3P2MX	CARA62802S07990	8282-2PG-3DC	7282-2PG-300
CARAEN3C3M07990	EN3L3FX	EN3P3FX	CARA62803P07990	8282-3SG-3DC	7282-3SG-300
CARAEN3C3F07990	EN3L3MX	EN3P3MX	CARA62803S07990	8282-3PG-3DC	7282-3PG-300
CARAEN3C4M07990	EN3L4FX	EN3P4FX	CARA62804P07990	8282-4SG-3DC	7282-4SG-300
CARAEN3C4F07990	EN3L4MX	EN3P4MX	CARA62804S07990	8282-4PG-3DC	7282-4PG-300
CARAEN3C5M07990	EN3L5FX	EN3P5FX	CARA62805P07990	8282-5SG-3DC	7282-5SG-300
CARAEN3C5F07990	EN3L5MX	EN3P5MX	CARA62805S07990	8282-5PG-3DC	7282-5PG-300
CARAEN3C6M07990	EN3L6FX	EN3P6FX	CARA62806P07990	8282-6SG-3DC	7282-6SG-300
CARAEN3C6F07990	EN3L6MX	EN3P6MX	CARA62806S07990	8282-6PG-3DC	7282-6PG-300
CARAEN3C8F07990	EN3L8MX	EN3P8MX	CARA62808S07990	8282-8PG-3DC	7282-8PG-300

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

