



## PRE-WIRED SOLDERLESS LED INTERCONNECT



U.S. & Foreign Patents Issued and Pending

### VERSATILITY

CONXRITE® interconnects with internal resistor make LED plug-in connections between panel and power source easy. Options include broad selection of LEDs, choices of wire size, length and color, variety of wire terminations.

### BRIGHTNESS

CONXRITE® cable assemblies enhance LED viewing, 180°. Also for use with infrared and photo detection devices. With selected LEDs, brightness can range from 20 to 20,000mcd.

### APPLICATION

CONXRITE® assemblies have been tested for UV, solar, shock, vibration and temperature cycling. Sealed version exceeds NEMA 4 for dust, water and ice. Assembly uses include office environments or harsh exterior conditions. Provides ESD circuit protection.

### INSTALLATION

CONXRITE® assemblies are easy to install. Slip lens through panel opening, slide lock washer over lens barrel, secure connector to lens by hand with a half turn.

### SPECIFICATIONS

<b>MATERIAL</b>	Lens - Polycarbonate Connector - Thermoplastic (U.L. Listed Materials) Moisture seal - EPDM Lock washer - Steel, nickel plate Terminals - Phosphor bronze, tin plate Wire - U.L. 1007/1569, 24 AWG stranded
<b>ELECTRICAL</b>	Terminal - 3 amp continuous service. Mates to round, square, rectangular leads .017" to .030".
<b>MOUNTING</b>	CMC 441 series lens - for dry applications. CMS 442 series lens - for dust/wet conditions. CMC 441 / CMS 442 lens - mounts through a 5/16" diameter panel opening on 1/2" centers. Panel thickness up to 1/8". Wire termination - stripped leads, VCC 450 series single or dual row locking header connectors. Contact factory for other termination options.
<b>TEST DATA</b>	Assembly meets NEMA 4 for water, ice and dust. Additional tests, temperature cycle -40° to +85°C, shock to 6g's, vibration to 2000hz, solar & UV. Tests conducted by Consolidated Laboratories.

### EASY INSTALLATION

Slide lens through 5/16" hole. Slip the lock washer onto lens barrel. While holding lens, twist on connector one half turn until secure.

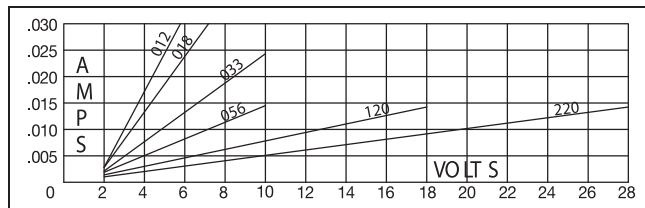
### ORDERING CODES

**CNX 410 056 E02 4 1 12**

CONNECTOR STYLE	RESISTOR	TERMINATION	WIRE SIZE	WIRE COLOR	WIRE LENGTH
CNX 410 Threaded w/Resistor Use with Lens Assembly: CMC 441 Standard 5mm or CMS 442 Water Tight 5mm	012 120 OHM 018 180 OHM 033 330 OHM 056 560 OHM 120 1200 OHM 220 2200 OHM	X STRIPPED END SINGLE ROW E 02 2 POS E 03 3 POS	STANDARD 4 24 AWG	1 WHT - BLK 2 RED - BLK	04 4 INCHES 06 6 INCHES 08 8 INCHES 12 12 INCHES 18 18 INCHES 24 24 INCHES

ADDITIONAL OPTIONS AVAILABLE

### RESISTOR SELECTOR



### OUTLINE DRAWING

<b>CMC 441 Assembly STANDARD</b> 	<b>CMS 442 Assembly WATER TIGHT</b> 	<b>LOCK WASHER</b> 	<b>5mm LED</b> 	<b>CNX 410 CONNECTOR ASSEMBLY</b> 
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LENS ASSEMBLY SOLD SEPARATELY