

# Specification Sheet



Consolidated  
ELECTRONIC WIRE & CABLE

## DESCRIPTION:

1/0 AWG 3 conductor 19 strand bare copper with XLPE insulation, an XLPE insulated bare copper ground, unshielded, interlocked aluminum armor with an overall PVC jacket 600V metal clad cable, approved for use in SUN RES DIR BUR 90°C applications.

### 1. CONDUCTOR

1.1. AWG Size & Stranding:	1/0 AWG 19 Strands Class B
1.2. Material:	Annealed Bare Copper
1.3. Conductor Count:	3 Conductors

### 2. INSULATION

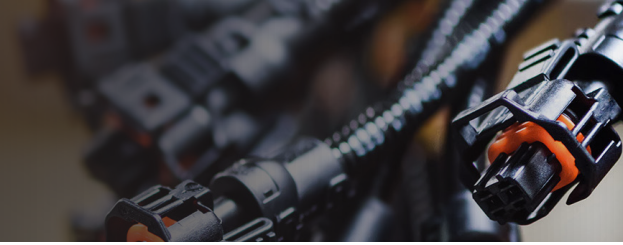
2.1. Material:	Cross-linked Polyethylene
2.2. Wall Thickness:	0.055"
2.3. Color Code:	Brown, Orange, Yellow

### 3. ASSEMBLY

3.1. Ground:	Insulated (Green) – 6 AWG 7 Strand Bare Copper
3.2. Fillers:	Non-Hygroscopic Polypropylene - As required for a circular cross-section
3.3. Binder:	Clear Mylar
3.4. Shield:	N/A
3.5. Drain Wire:	N/A

### 4. INTERLOCKED ARMOR

4.1. Material:	Interlocked Aluminum
----------------	----------------------



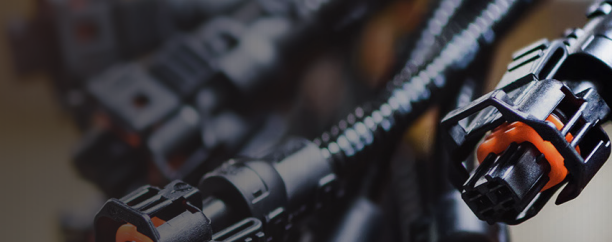
## 5. OUTER JACKET

5.1. Material:	Polyvinylchloride
5.2. Wall Thickness:	0.050"
5.3. Diameter:	1.412" +/- 0.115"
5.4. Color:	Black
5.5. Ripcord:	Yes
5.6. Cold Bend Rating:	-40°C
5.7. Weight:	1677 lbs./Mft.

## 6. MARKINGS

6.1. Type:	Cable shall be permanently identified via surface inkjet print E# 1/0AWG 3C (UL) MC XHHW-2/VW-1 600V 90C DRY/WET
6.2. Legend:	INSULATED GROUND INTERLOCKED ALUMINUM ARMOR PVC JACKET WET LOCATIONS CABLE SUNLIGHT RESISTANT, FOR CT USE DIR BUR IEEE 1202/FT4 "ROHS COMPLIANT" MADE IN USA
6.3. Footage Markers:	Yes





## 7. STANDARDS

7.1.	UL listed as Type MC per UL Standard 1569 for metal clad cables
7.2.	Cable is suitable for use in Class I Division 2 hazardous locations
7.3.	Individual conductors pass UL VW-1 flame test, rated XHHW-2/VW-1
7.4.	UL approved for Direct Burial & Sunlight Resistant applications
7.5.	Meets ICEA S-95-658, where applicable
7.6.	Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
7.7.	Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
7.8.	Made in the USA
7.9.	⚠ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause birth defects or other reproductive harm. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> . Wash hands after handling

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION.

