Continuously Corrugated Welded Cable-CCW®, Composite Power & Control, XLPE Insulation-PVC Jacket, 90°C-600 Volt-UL Type MC-HL

**Product Construction**

Conductor:
- Bare, annealed copper conforming to ASTM B-3
- 10AWG and smaller are Class B compressed stranding per ASTM
- 8AWG and larger are compact stranding per ASTM B496

Insulation:
- Cross-linked Polyethylene (XLPE) type XHHW per UL 44, listed XHHW-2

Grounding Conductor:
- Class B stranded bare annealed copper per ASTM B3 and B8

CCW Armor:
- Impervious, continuously welded and corrugated aluminum alloy sheath

Jacket:
- Flame-retardant, moisture and sunlight-resistant PVC, black

**Applications**

- For use as services, feeders and branch circuits for power, lighting, control, and signal circuits in accordance with NEC articles 501, 502, 503, and 505
- Class I, II and III, Divisions 1 and 2; Class I, Zones 1 and 2 hazardous locations per NEC articles 501, 502, 503, and 505
- Installed indoors and outdoors, wet or dry locations, direct buried, embedded in concrete, in a raceway, as aerial on a messenger, or as exposed runs secured to supports in accordance with NEC article 330
- Recognized for use on fixed or floating offshore petroleum facilities as recommended by the American Petroleum Institute

**Features**

- CCW armor provides an impervious barrier to moisture, gas and liquids
- CCW armor provides EMI shielding performance
- Meets cold impact at -40°C
- Factory assembled and tested cable for use as an alternate to cable in conduit wiring systems
- 90°C continuous operating temperature, wet or dry
- 130°C emergency rating
- 250°C short circuit rating

**Standards**

- UL Type MC-HL, XHHW-2
- UL listed Marine Shipboard
- UL 44, 1309, 1569, 1581, and 2225
- IEEE 1202 available upon request

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CCW Armored Composite
Power and Control

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<th>Part #</th>
<th>AWG</th>
<th>Conductor Control AWG</th>
<th>Power Conductor AWG</th>
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<th>Ground AWG</th>
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<th>Nom. O.D. Overall</th>
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*Fittings are available for these products

4AWG and larger uses Black with printed numbers.

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.

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