

# Corrugated Armor

## 15kV - CCW Armored Power, 133%, Shielded, 3/C

Continuously Corrugated Welded Cable – CCW®  
133% EPR Insulation – PVC Jacket  
105°C – UL Type MC-HL or MV-105  
15kV – 3-Conductor – Shielded



\*Product images are for illustrative purposes only and may differ from the actual product.

### Category Conductor Description:

- Bare annealed copper per ASTM B3 Compact stranding per ASTM B496

### Category Insulation Description:

- Ethylene Propylene Rubber (EPR)

### Grounding Conductor:

- Class B stranded bare annealed copper grounding conductor Sized in accordance with UL 1072 and NEC Article 250

### Armor:

- Impervious, continuously welded and corrugated aluminum alloy sheath

### Applications:

- For use in feeders and branch circuits in industrial power distribution systems per NEC articles 328 and 330
- Approved for Classes I, II and III, Divisions 1 and 2; and Class I, Zones 1 and 2, hazardous locations covered under NEC Articles 501, 502, 503 and 505
- Installed on metal racks, troughs, in raceways, in cable trays or secured to supports spaced no more than 6 feet apart  
Installed in both exposed and concealed work, wet or dry

### Extruded Strand Shield:

- Extruded thermoset semi-conductor stress control layer over conductor per ICEA S-93-639 and UL 1072

### Extruded Insulation Shield:

- Thermoset semi-conducting polymeric layer, free stripping from the insulation per ICEA S-93-639 and UL 1072

### Shield:

- 5 mil annealed bare copper tape with 25% overlap Color coded polymeric identification tape laid under the shield: Black, Red, & Blue

### Category Jacket Description:

- Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), red Low temperature performance meets ASTM D746 brittleness temperature at or below 40&deg;C

### Standards:

- UL 1072
- UL 1569
- UL 2225
- UL 1309
- IEEE 1202 available upon request

locations, directly buried or embedded in concrete

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Conductors</b>	<b>Ground Gauge</b>	<b>Insulation Thickness</b>	<b>Nominal OD over Armor</b>	<b>Nominal OD Overall</b>	<b>Material Weight (Lbs./M')</b>
XMVE30203	2	3	6	0.22	2.15	2.28	2507
XMVE31/003	1/0	3	4	0.22	2.32	2.48	3190
XMVE32/003	2/0	3	4	0.22	2.40	2.56	3582
XMVE34/003	4/0	3	3	0.22	2.62	2.79	4549
XMVE325003	250	3	3	0.22	2.75	2.92	5086
XMVE335003	350	3	2	0.22	3.03	3.21	6594
XMVE350003	500	3	1	0.22	3.32	3.50	8570
XMVE375003	750	3	1/0	0.22	3.80	3.98	11549

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager General Cable CCW® is a registered trademark of General Cable

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