

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

**Corrugated Armor**



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

### Category Conductor Description:

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

### Extruded Strand Shield:

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

### Category Insulation Description:

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- Ethylene Propylene Rubber (EPR)

### Extruded Insulation Shield:

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

### Grounding Conductor:

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

### Shield:

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

### Armor:

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- Impervious, continuously welded and  
corrugated aluminum alloy sheath

### Category Jacket Description:

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

**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 locations, directly buried or embedded in concrete

**Standards:**

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

<b>PART NUMBER TABLE</b>							
<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.

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