

ARMORED CABLE

Continuously Corrugated Welded Cable -CCW®
XLPE Insulation -PVC Jacket
90C -600 Volt -UL Type MC-HL
3-Conductor VFD & 4-Conductor



CONSTRUCTION	
Conductor	- Bare annealed copper per ASTM B-3 - 10 AWG and smaller are compressed Class B stranding per ASTM B8 - 8 AWG and larger are compact stranding per ASTM B496
Insulation	- Cross-linked Polyethylene (XLPE) type XHHW per UL 44.
Grounding Conductors	- Class B stranded bare copper per ASTM B3 & B8 - Sized in accordance with NEC Table 250.122
Armor	- Impervious, continuously welded and corrugated aluminum alloy sheath
Jacket	- Black Polyvinyl Chloride (PVC), sunlight and oil resistant, per UL 1569, 90C temperature rating.

COLOR CODE CHART	
Cond. #	Color
1	Black, printed number
2	Black, printed number
3	Black, printed number
4	Black, printed number

Applications:

- Designed for use on power or control circuits
- Can be installed in cable tray, wire ways, racks, or buried directly
- This cable has three symmetrically placed grounds to reduce problems associated with pulse-width modulated AC drives
- Suitable for VFD applications.
- Suitable for exposure to hazardous locations, Type MC-HL for Classes I, II, and III Division 1 and 2

Standards:

- UL 44, XHHW-2
- UL 1309 Marine Shipboard
- UL 1569 Type MC and UL 2225 Type MC-HL
- UL 1581
- Designated Type MC as per NEC Article 334
- IEEE 1202 available upon request

Additional Information:

- Conductor 1 | Black
- Conductor 2 | Red
- Conductor 3 | Blue
- Conductor 4 | Orange

Part #	AWG	Conductors	Ground No. x AWG	Nominal O.D. over Armor	Nom. O.D. Overall	Lbs./M'
X21403	14	3	3 x 18	.530"	.640"	194
X21404	14	4	3 x 18	.580"	.690"	214
X21425	14	25				691
X21203	12	3	3 x 16	.580"	.690"	234
X21204	12	4	3 x 16	.670"	.780"	272
X21003	10	3	3 x 14	.620"	.730"	304
X21004	10	4	3 x 14	.670"	.780"	343
X20803	8	3	3 x 14	.710"	.810"	418
X20603	6	3	3 x 12	.800"	.900"	552
X20403	4	3	3 x 12	.890"	.990"	716
X20203	2	3	3 x 10	1.02"	1.13"	1051
X20103	1	3	3 x 10	1.15"	1.26"	1119
X21/003	1/0	3	3 x 10	1.24"	1.34"	1631
X22/003	2/0	3	3 x 10	1.34"	1.44"	1884
X23/003	3/0	3	3 x 8	1.47"	1.58"	2332

Part #	AWG	Conductors	Ground No. x AWG	Nominal O.D. over Armor	Nom. O.D. Overall	Lbs./M'
X24/003	4/0	3	3 x 8	1.60"	1.73"	2914
X225003	250	3	3 x 8	1.74"	1.87"	3262
X235003	350	3	3 x 7	1.96"	2.09"	4545
X250003	500	3	3 x 6	2.28"	2.44"	6232
X275003	750	3	3 x 5	2.75"	2.92"	9115

*Fittings are available for these products.

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.

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