

ARMORED CABLE

Continuous Corrugated Armor
90°C - 600 Volt - VFD Rated
UL Type MC-HL - w/Ground



Conductor:

- Bare, annealed copper conforming to ASTM B-3 and stranded in accordance with ASTM B8.

Insulation:

- Cross-linked polyethylene type XHHW per UL 44.

Assembly:

- Conductors are cabled in concentric layers with grounding wire, interstices are filled with suitable non-hygroscopic fillers, as required.
 - A binder tape of synthetic material assembles the core in an essentially round configuration.

A armor:

- Continuous corrugated aluminum sheath 99.5% is applied over the assembly. The continuous sheath will be impervious to moisture, liquids, and gases.

Jacket:

- Black polyvinyl chloride (PVC), sunlight and oil resistant, per UL 1569, 90°C temperature rating.

Standards:

- UL 44, XHHW-2 600V conductors
 - Designated Type MC as per NEC Article 334
 - UL 1569 Type MC and UL 2225 Type MC-HL
 - Passes UL and IEEE 383 vertical tray fire tests at 70,000 BTU/hr, ICEA T-29-520 fire test at 210,000 BTU/hr, IEC 332-3 category A fire test, IEEE1202 and CSA FT4

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 exposure to hazardous locations, Type MC-HL for Classes I, II, and III Division 1 and 2

Part #	AWG Size	No. of Cond.	Ground No. x AWG	Nom. O.D.		Lbs./M'	Allowable Ampacity	Recommended Fitting
				A armor	Overall			
X21403	14	3	3 x 18	.555"	.660"	200	20	STEX075
X21203	12	3	3 x 16	.555"	.660"	226	30	STEX075
X21003	10	3	3 x 14	.620"	.725"	312	40	STEX075
X20803	8	3	3 x 14	.750"	.838"	413	55	STEX075
X20804	8	4	1 x 10	.800"	.900"	465	44	STEX075
X20603	6	3	3 x 12	.802"	.905"	542	75	STEX075
X20604	6	4	1 x 8	.910"	1.01"	650	60	STEX100
X20403	4	3	3 x 12	.937"	1.04"	735	95	STEX100
X20404	4	4	1 x 8	1.05"	1.15"	890	76	STEX100
X20203	2	3	3 x 10	1.13"	1.23"	1097	130	STEX150
X20204	2	4	1 x 6	1.22"	1.32"	1310	104	STEX150
X20103	1	3	3 x 10	1.23"	1.32"	1330	150	STEX150
X21/004	1/0	4	1 x 6	1.47"	1.57"	1925	136	STEX200
X21/003	1/0	3	3 x 10	1.35"	1.47"	1592	170	STEX150
X22/004	2/0	4	1 x 4	1.59"	1.71"	2400	156	STEX200
X22/003	2/0	3	3 x 10	1.42"	1.53"	1882	195	STEX200
X23/003	3/0	3	3 x 8	1.60"	1.74"	2400	225	STEX200
X24/004	4/0	4	1 x 4	1.87"	2.00"	3520	208	STEX250
X24/003	4/0	3	3 x 8	1.73"	1.87"	2910	260	STEX250
X225004	250	4	1 x 4	2.05"	2.16"	4090	232	STEX250
X225003	250	3	3 x 8	1.93"	2.06"	3316	290	STEX250
X235004	350	4	1 x 3	2.29"	2.44"	5595	280	STEX300
X235003	350	3	3 x 6	2.22"	2.35"	4560	350	STEX250
X250004	500	4	1 x 2	2.67"	2.82"	7847	344	STEX300
X250003	500	3	3 x 6	2.48"	2.64"	6245	430	STEX300
X275004	750	4	1 x 1	3.32"	3.39"	11975	428	-
X275003	750	3	3 x 5	2.93"	3.10"	8906	535	-

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.

*Ampacities are in accordance with Table 310-16 of NEC.

Color Code:

- 14-10 AWG - Color Code Chart 107
 - 8 AWG to 750 - Color Code Chart 108

Color Code Chart 107:

Cond. Num.	Color	Cond. Num.	Color
1	Black	2	Red
3	Blue	4	Orange

Color Code Chart 108:

Cond. Num.	Cond. Marking	Cond. Num.	Cond. Marking
1	"1" One	2	"2" Two
3	"3" Three	4	"4" Four