

Alumaflex™ Type MC XHHW-2



6 AWG through 900 kcmil Alumaflex™ XHHW-2 Insulated Singles with 8000 series Triple E™ Aluminum Alloy. Bare Alumaflex™ Aluminum Alloy Grounding Conductor. UL Listed. 600 Volts. Lightweight Aluminum Interlocked Armor.

APPLICATIONS

Suitable for use as follows:

- Branch, feeder and service power distribution under high ambient temperatures in commercial, industrial, institutional, and multi-residential buildings.
- Power, lighting, control, and signal circuits.
- Fished or embedded in plaster.
- Concealed or exposed installations.
- Environmental air-handling spaces per NEC 300.22 (C).
- Places of Assembly per NEC 518.4 and theaters per NEC 520.5.
- Installation in cable tray and approved raceways.
- Under raised floors for information technology equipment conductors and cables per NEC 645.5(D) & 645.5(D)(2).
- Class I Div. 2, Class II Div 2, & Class III Div. 1 Hazardous Locations.

STANDARDS & REFERENCES

Southwire Alumaflex™ Type MC-XHHW-2 Cable meets or exceeds the requirements:

- UL 44
- UL 1569
- UL Online Product Guide Info - Metal-Clad Cable (PJAZ) (www.ul.com)
- ICEA S-95-658 (NEMA WC70)
- Federal Specification A-A59544 (formerly J-C-30B)
- IEEE 1202 (70,000 Btu/hr) Vertical Cable Tray Flame Test
- NFPA 70 (National Electrical Code), Article 330
- Listed for use in UL 1, 2, and 3 Hour Through-Penetration Firestop Systems
- REACH/RoHS-2 (Chemical Limit) Compliant

CONSTRUCTION

Southwire Alumaflex™ Type MC-XHHW-2 Cable with Triple E™ Aluminum Alloy is constructed with Type XHHW-2 conductors rated 90° C dry, and a bare equipment grounding conductor. Conductors are Alumaflex™ AA-8000 series aluminum alloy compact stranded. A binder tape is wrapped over the conductors. Aluminum interlocking armor is applied over the assembly.



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AlumaFlex™ Type MC - Aluminum Conductors

CONDUCTOR SIZE AND COLORS	GROUNDING SIZE AND COLOR	STOCK NUMBER	WEIGHT (LBS/1000')	OVERALL DIAMETER (INCHES)
SOLID CONDUCTOR COLORS 120/208V				
6-3 STRANDED XHHW (BLACK/BLACK-WHITE/BLACK-RED)	6 STRANDED (BARE)	89-00-92-99	228	.784
6-4 STRANDED XHHW (BLACK/BLACK-BLUE/ BLACK-WHITE/BLACK-RED)	6 STRANDED (BARE)	61-12-03-99	275	.85
4-3 STRANDED XHHW (BLACK/BLACK-WHITE/BLACK-RED)	6 STRANDED (BARE)	60-07-42-99	302	.956
4-4 STRANDED XHHW (BLACK/BLACK-BLUE/ BLACK-WHITE/BLACK-RED)	6 STRANDED (BARE)	60-83-64-99	356	.949
2-3 STRANDED XHHW (BLACK/BLACK-WHITE/BLACK-RED)	4 STRANDED (BARE)	55-71-99-99	418	1.089
2-4 STRANDED XHHW (BLACK/BLACK-BLUE/ BLACK-WHITE/BLACK-RED)	4 STRANDED (BARE)	55-72-49-99	522	1.250
1-3 STRANDED XHHW (BLACK/BLACK-WHITE/BLACK-RED)	4 STRANDED (BARE)	55-80-64-99	488	1.101
1-4 STRANDED XHHW (BLACK/BLACK-BLUE/ BLACK-WHITE/BLACK-RED)	4 STRANDED (BARE)	55-99-63-99	609	1.206
1/0-3 STRANDED XHHW (BLACK/RED/WHITE)	6 STRANDED (GREEN)	67-87-27-99	633	1.244
2/0-3 STRANDED XHHW (BLACK/RED/WHITE)	6 STRANDED (GREEN)	67-87-31-99	727	1.294
500-4 STRANDED XHHW (BROWN/ORANGE/YELLOW/GRAY)	2/0 STRANDED (GREEN)	67-17-79-99	2791	2.525
For allowable ampacities, refer to NEC 310.15. Available with oversized grounding conductor when used for parallel feeds on special orders. Available in sizes up to 900 MCM.				

FEATURES

- UL Classified 1, 2, and 3 hour Through Penetration Firestop Systems: W-J-3037, W-L-3110, W-L-3113, W-L-3117, W-L-3120, W-L-3121, W-L-3160, C-AJ-3115, C-AJ-3140, C-AJ-3142, C-AJ-3145, C-AJ-3173, C-AJ-3202, C-AJ-4065, C-AJ-4066, F-C-3038.
- Cable reverse wound on reel for ease of pulling and installation. When pulling from coils, pull from inside to ensure ease of installation.
- Anti-short bushings are not required for use with MC cable per the NEC and UL

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