

SFX™ Flexible XHHW-2 600V/1000V CCA



APPLICATION:

SFX™ XHHW-2 is designed to provide superior workability in confined spaces by utilizing modified stranding and advanced insulation. SFX™ XHHW-2 conductors are primarily used in conduit, internal wiring, or recognized raceways for services, feeders, and branch circuit wiring, and are suitable for applications up to 90°C temperature and 600 or 1000 volts, and for cable tray use.

CONDUCTORS:

- Copper-Clad Aluminum (CCA) in Class C compact or compressed stranding, as noted

INSULATION:

- Abrasion, moisture, heat and flame resistant cross-linked polyethylene (XLPE) in various colors

STANDARDS:

Meets or exceeds the following standards, as applicable (UL listing pending)

- UL 44 / CSA C22.2 No. 38 Thermoset-Insulated Wires and Cables
- UL 1685 Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
- ANSI / NEMA WC-70 / ICEA S-95-658
- ASTM B566, B801
- Federal Specification A-A-59544A
- NFPA 70 National Electrical Code
- CSA C22.1 Canadian Electrical Code

Part Number	Conductor Size	Min. No. of Strands	Conductor Diameter	Insulation Thickness	Overall Diameter	Net Weight	Ampacity* at 75°C	Ampacity* at 90°C
	AWG/kcmil		inches	inches	inches	lbs/kft	amps	amps
1/0SFX-XHHW-CU	1/0	37	0.362	0.055	0.47	153	120	135
2/0SFX-XHHW-CU	2/0	37	0.406	0.055	0.52	188	135	150
3/0SFX-XHHW-CU	3/0	37	0.457	0.055	0.57	233	155	175
4/0SFX-XHHW-CU	4/0	37	0.513	0.055	0.62	289	180	205
250SFX-XHHW-CU	250	61	0.559	0.065	0.69	345	205	230
300SFX-XHHW-CU	300	61	0.612	0.065	0.74	408	230	260
350SFX-XHHW-CU	350	61	0.661	0.065	0.79	472	250	280
500SFX-XHHW-CU	500	61	0.791	0.065	0.92	659	310	350
600SFX-XHHW-CU	600	91	0.866	0.080	1.03	801	340	385
750SFX-XHHW-CU	750	91	0.969	0.080	1.13	988	385	435
1000SFX-XHHW-CU	600	91	1.118	0.080	1.28	1,300	445	500

All values are nominal and subject to correction.

**Ampacities for not more than three conductors in raceway or cable or earth (directly buried), based on ambient temperature of 30°C per Table 310.16 of the 2026 National Electrical Code.

CABLE MARKING:

PRIORITY WIRE SFX <AWG/kcmil (mm²)> XHHW-2 600V OR 1000V CU-CLAD AL CLASS C COMPRESSED STRAND XLPE 90° SUN RES FOR CT USE <YEAR> <SEQ FT> <S FOR SLICK> <FACTORY TRACKING CODE> <FACTORY ID>