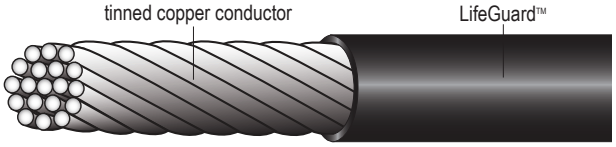
POWER CABLE



600 V UL 90°C
XHHW-LS, VW-1
XLP Low Smoke Zero Halogen Insulation/Jacket
Tinned Copper Conductor

Catalog Number	Size AWG/kcmil	Number of Strands	Insulation Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW010 01401	14	7	30	0.13	18
HW010 01201	12	7	30	0.15	27
HW010 01001	10	7	30	0.17	40
HW010 00801	8	7	45	0.23	64
HW010 00601	6	7	45	0.27	98
HW010 00401	4	7	45	0.32	150
HW010 00301	3	7	45	0.34	182
HW010 00201	2	7	45	0.37	231
HW010 00101	1	19	55	0.43	291
HW010 10101	1/0	19	55	0.47	362
HW010 20101	2/0	19	55	0.51	451
HW010 30101	3/0	19	55	0.26	563
HW010 40101	4/0	19	55	0.62	704
HW010 25001	250	37	65	0.69	835
HW010 35001	350	37	65	0.79	1155
HW010 50001	500	37	65	0.92	1632
HW010 75001	750	61	80	1.13	2411
HW010 10001	1000	61	80	1.28	3231

APPLICATION:
LifeGuard™ Low Smoke Zero Halogen cable is for use in harsh environments for power control and lighting circuits in a broad range of commercial, industrial and utility applications. It is highly flame retardant, produces very small amounts of smoke when burned and contains no halogens. LifeGuard™ cable is ideal for applications where a high degree of safety and protection is required.

LifeGuard™ cable is NEC listed as Type XHHW-LS and approved for installation in conduit, duct, cable tray when CT Rated; or other approved raceways. It may be installed in temperatures as low as -30°C and is rated for use at 75°C in wet locations and 90°C in dry locations.

CONDUCTOR:
Soft annealed tinned copper per ASTM B-3, Class B stranding per ASTM B-8

INSULATION:
Thermoset, flame-retardant Low Smoke Zero Halogen polyolefin per ICEA S-95-658, UL Standard 1685 and UL Standard 44 for type XHHW conductors

PRODUCT FEATURES:
- Cable tray rated on sizes 1/0 AWG and larger
- Tinned conductor provides ease of termination and added protection in caustic environments
- Very low smoke production when burned
- LifeGuard™ jacket produces zero halogens during fire – less toxic and corrosive
- LifeGuard™ jacket is environmentally safe – lead, sulfur and halogen free
- Highly chemical resistant
- Very flame retardant
- Burns to an ash – does not exhibit thermoplastic drip
- Excellent compression and impact resistance
- Superior tensile strength and abrasion resistance
- Mechanically superior insulation with low coefficient of friction

FLAME TESTS:
- 1/0 AWG – 750 MCM, IEEE 1202 (70,000 BTU/hr) Flame Test
- UL VW-1

ADDITIONAL STANDARDS:
- Nema WC-70

COLOR OPTIONS:
Black, white, red, green and blue