

TRAY CABLE - POWER CABLE

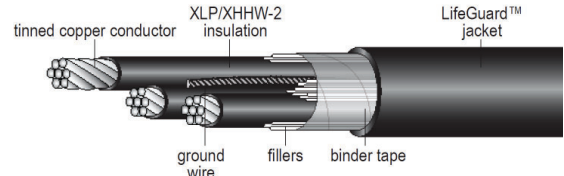
600 Volt UL Type TC-LS, 90°C

XLP XHHW-2 Insulation

Low Smoke Zero Halogen Jacket

Tinned Copper Conductors

FM Approved



OmniCable Part #	HWC Part #	Size AWG/kcmil	Number of Conductors	Number of Strands	Insulation Thickness Mils	Ground Wire Size AWG	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
12-03LSG	HW172 01203G	12	3	7	45	12	60	0.42	100
10-03LSG	HW172 01003G	10	3	7	45	10	60	0.49	169
8-03LS	HW172 00803	8	3	7	45	-	60	0.63	238
8-03LSG	HW172 0803G	8	3	7	45	10	60	0.63	267
8-04LS	HW172 00804	8	4	7	45	-	60	0.70	305
8-04LSG	HW172 0804G	8	4	7	45	10	60	0.70	339
6-03LS	HW172 00603	6	3	7	45	-	60	0.71	390
6-03LSG	HW172 0603G	6	3	7	45	8	60	0.71	437
6-04LS	HW172 00604	6	4	7	45	-	60	0.78	497
6-04LSG	HW172 0604G	6	4	7	45	8	60	0.78	495
4-03LS	HW172 00403	4	3	7	45	-	80	0.81	564
4-03LSG	HW172 0403G	4	3	7	45	8	80	0.81	612
4-04LS	HW172 00404	4	4	7	45	-	80	0.94	763
4-04LSG	HW172 0404G	4	4	7	45	8	80	0.94	814
2-03LSG	HW172 0203G	2	3	7	45	6	80	0.98	867
2-04LSG	HW172 0204G	2	4	7	45	6	80	1.08	1087
1/0-03LSG	HW172 1003G	1/0	3	19	55	6	80	1.20	1390
1/0-04LSG	HW172 1004G	1/0	4	19	55	6	80	1.30	1676
2/0-04LSG	HW172 2004G	2/0	4	19	55	6	80	1.34	1934
2/0-03LSG	HW172 2003G	2/0	3	19	55	4	80	1.44	2780
4/0-03LSG	HW172 4003G	4/0	3	19	55	4	80	1.53	2523
4/0-04LSG	HW172 4004G	4/0	4	19	55	4	80	1.79	3630
250-03LSG	HW172 2503G	250	3	37	65	4	110	1.78	3296
250-04LSG	HW172 2504G	250	4	37	65	3	110	1.90	4210
350-03LSG	HW172 3503G	350	3	37	65	3	110	2.00	3643
350-04LSG	HW172 3504G	350	4	37	65	3	110	2.21	4743
500-03LSG	HW172 5003G	500	3	37	65	2	110	2.29	6116
500-04LSG	HW172 5004G	500	4	37	65	1	110	2.54	7881
750-03LSG	HW172 7503G	750	3	61	80	2/0	140	2.81	9101

- All drawings, designs, specifications, plans and particulars of weights, sizes and dimensions contained in the technical or commercial documentation of OmniCable is indicative only and shall not be binding on OmniCable or be treated as constituting a representation on the part of OmniCable.
* Ampacities shown are for general use as specified by the National Electrical Code, Article 310.15

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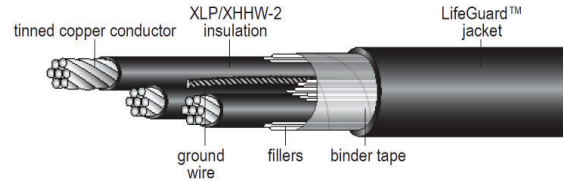
600 Volt UL Type TC-LS, 90°C

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APPLICATION:

LifeGuard™ Low Smoke Zero Halogen* cable is for use in power, control and lighting circuits in a broad range of commercial and industrial applications. LifeGuard™ jacket 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 equipment protection is required.

LifeGuard™ cable is UL listed as Type TC-LS and approved for installation indoors or outdoors, aerially, in conduits, ducts, cable trays and direct burial in circuits not exceeding 600 volts. It may be installed in temperatures as low as -30°C and used in NEC Class I and II, Division 2 hazardous locations. It is UL approved for continuous operation at 90°C in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions. Exposed Run (ER) rating available upon request

PRODUCT FEATURES:

- Tray rated
- Sunlight-resistant
- Approved for direct burial
- Tinned conductors provide 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
- Flexible jacket with low coefficient of friction

CONDUCTORS:

Tin coated soft annealed copper per ASTM B-33, Class B stranding per ASTM B-8

INSULATION:

Cross-linked polyethylene (XLP) per UL Standard 44 for Type XHHW-2 conductors

JACKET:

Sunlight-resistant and flame-retardant, Low Smoke Zero Halogen polyolefin per UL Standard 1277. A ripcord is applied longitudinally under the jacket to facilitate stripping

FLAME TEST:

- FM Approved - Class 3972 Specification Test Standard - Cable Fire Propagation Group 1
- UL Standard 1581 (70,000 BTU/hr) Flame Test
- IEEE 383 (70,000 BTU/hr) Flame Test
- ICEA T-29-520 (210,000 BTU/hr) Flame Test
- IEEE 1202/CSA FT4 (70,000 BTU/hr) Flame Test
- UL Standard 1685 (70,000 BTU/hr) Flame Propagation and Smoke Release Test
- Flame Test listings may vary by cable size

COLOR CODE:

- ICEA Method 4

ADDITIONAL STANDARDS:

NEC Type TC per articles 336, 392, and 501.4 (b) and Class 1 circuits per NEC article 725