

## TRAY CABLE - POWER CABLE

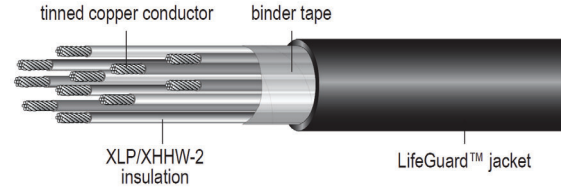
600 Volt UL Type TC-LS, 90°C

XLP XHHW-2 Insulation

Low Smoke Zero Halogen Jacket

Tinned Copper Conductors

FM Approved



OmniCable Part #	HWC Part #	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
10-02LS	HW170 01002	10	2	7	30	45	0.45	119
10-03LS	HW170 01003	10	3	7	30	45	0.48	162
10-04LS	HW170 01004	10	4	7	30	45	0.52	207
10-05LS	HW170 01005	10	5	7	30	60	0.58	272
10-07LS	HW170 01007	10	7	7	30	60	0.65	358
10-09LS	HW170 01009	10	9	7	30	60	0.77	459
10-12LS	HW170 01012	10	12	7	30	60	0.91	628
10-19LS	HW170 01019	10	19	7	30	60	1.05	935
12-02LS	HW170 01202	12	2	7	30	45	0.40	87
12-03LS	HW170 01203	12	3	7	30	45	0.42	117
12-04LS	HW170 01204	12	4	7	30	45	0.46	147
12-05LS	HW170 01205	12	5	7	30	60	0.50	178
12-07LS	HW170 01207	12	7	7	30	60	0.58	253
12-09LS	HW170 01209	12	9	7	30	60	0.68	360
12-12LS	HW170 01212	12	12	7	30	60	0.76	409
12-19LS	HW170 01219	12	19	7	30	60	0.93	651
12-25LS	HW170 01225	12	25	7	30	60	1.01	894
12-30LS	HW170 01230	12	30	7	30	60	1.18	1040
12-37LS	HW170 01237	12	37	7	30	60	1.27	1256
14-02LS	HW170 01402	14	2	7	30	45	0.36	66
14-03LS	HW170 01403	14	3	7	30	45	0.38	86
14-04LS	HW170 01404	14	4	7	30	45	0.42	108
14-05LS	HW170 01405	14	5	7	30	45	0.45	130
14-07LS	HW170 01407	14	7	7	30	60	0.49	169
14-09LS	HW170 01409	14	9	7	30	60	0.62	238
14-12LS	HW170 01412	14	12	7	30	60	0.69	298
14-19LS	HW170 01419	14	19	7	30	60	0.80	438
14-25LS	HW170 01425	14	25	7	30	60	0.96	631
14-30LS	HW170 01430	14	30	7	30	60	1.04	721
14-37LS	HW170 01437	14	37	7	30	60	1.13	867

\* 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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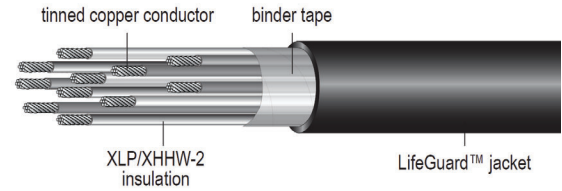
**600 Volt UL Type TC-LS, 90°C**

**XLP XHHW-2 Insulation**

**Low Smoke Zero Halogen Jacket**

**Tinned Copper Conductors**

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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 flam retardant, produces 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, 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 resistant
- 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 Test Propagation and Smoke Release Test
- Flame Test listings may vary by cable size

### COLOR CODE:

- ICEA Method 1

### ADDITIONAL STANDARDS:

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