

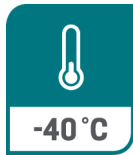
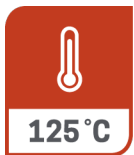


# XHHW-2

## Power Cables for Transit & Utility Infrastructure

### UL 44, XHHW-2, LSZH, 600V, 90°C Wet/Dry

- EXRAD® 125HF Irradiation Cross-linked Insulation
- Low Smoke, Halogen-Free
- Superior Gas and Oil Resistance
- 125°C Rated Insulation: Exceeds UL44
- For use in Wet Locations
- Superior Performance in Harsh Environments
- Sunlight Resistant
- Tougher than Industry Standard
- Best-In-Class Flexibility



#### CABLE CONSTRUCTION:

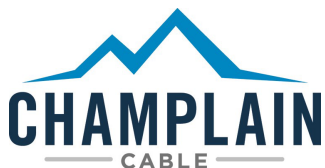
**Conductor:** AWG BC or TC Stranding\*  
**Insulation:** EXRAD 125HF Irradiation Cross-linked Insulation System  
**Print:** CHAMPLAIN CABLE ## AWG 600V LSZH XLPE XHHW-2 SR FT4-ST1 XXXXX MM/YY  
 XXXXX = Traceability Identification; ## = AWG Size; MM/YY = Month/Year

\*ASTM B172 Class K stranding available (30 AWG, more flexible, slightly larger OD)  
 Standard colors are Black and Gray, Other Colors Available

#### CONFORMANCE TO PERFORMANCE STANDARDS:

**UL 44 Thermoset-Insulated Wires- Irradiation Cross-linked Polyolefin**  
 XHHW-2, 600V  
 Sunlight Resistance: 720 Hour Exposure Test  
 VW-1  
 ST-1 - Limited Smoke  
 Oil Resistance - PRII  
 Gasoline Resistance - GRII

**NFP A 130 - Standard for Fixed Guideway Transit and Passenger Rail Systems 2020**  
 Section 8.6.7.1.1.1  
 FT4/IEEE1202 - Flame Testing of Cables for use in Cable Tray  
 ANSI/UL1685 - For Total Smoke Released and Peak Smoke Release Rate





# XHHW-2

## Power Cables for Transit & Utility Infrastructure

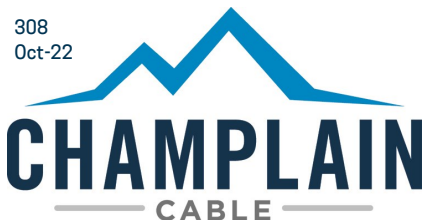
Product Number	AWG (Tin Copper)	Conductor		Wall Thickness (inches)	Finished OD (inches)	Weight LBS/MFT
		OD (inches)	Resistance Ohms/kft @ 20°C			
EXRAD-XHHW2-14	14(7)	0.073	2.620	.033	.160	19
EXRAD-XHHW2-12	12(7)	0.092	1.650	.033	.177	29
EXRAD-XHHW2-10	10(7)	0.116	1.040	.033	.201	42
EXRAD-XHHW2-8	8(19)	0.166	.6540	.048	.256	68
EXRAD-XHHW2-6	6(19)	0.186	.4110	.048	.294	107
EXRAD-XHHW2-4	4(105)	0.262	.2590	.048	.341	163
EXRAD-XHHW2-2	2(150)	0.321	.1630	.048	.397	246
EXRAD-XHHW2-1	1(165)	0.373	.1290	.060	.484	319
EXRAD-XHHW2-1/0	1/0 (275)	0.430	.1020	.060	.520	394
EXRAD-XHHW2-2/0	2/0 (325)	0.470	.0811	.060	.557	487
EXRAD-XHHW2-4/0	4/0 (550)	0.600	.0510	.060	.673	734

All dimensions nominal according to industry best-practice unless otherwise specified

CHAMPLAIN CABLE 6 AWG 600V LSZH XLPE XHHW-2 SR FT4-ST1 82916



308  
Oct-22



\*We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product combination for their own purpose. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss and damage arising from the handling and use of our products whether used alone or in combination with other products