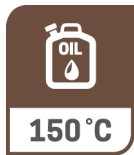
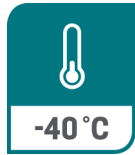
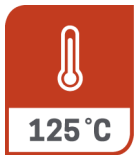




LSZH RHW-2 Power Cables for Transit & Utility Infrastructure

UL 44 RHW-2, USE-2, 600V or 2000V, 90°C Wet/Dry

- EXRAD® 125HF Irradiation Cross-linked Insulation
- Low Smoke, Halogen-Free
- Best-In-Class Flexibility
- Superior Gas and Oil Resistance
- 125°C Rated Insulation: Exceeds UL44
- UL 44 RHW-2, USE-2
- For use in Wet Locations
- Superior Performance in Harsh Environments
- Sunlight Resistant
- Tougher than Industry Standard



CABLE CONSTRUCTION:

Conductor: AWG BC or TC Stranding*

Insulation: EXRAD 125HF Irradiation Cross-linked Insulation System

Print:

600V: CHAMPLAIN CABLE ## AWG 600V LSZH XLPE RHW-2 USE-2 SR FT4-ST1 XXXXX MM/YY

2000V: CHAMPLAIN CABLE ## AWG 2000V LSZH XLPE RHW-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, RHW, RHW-2, USE-2, 600V

Sunlight Resistance: 720 Hour Exposure Test

VW-1

ST-1: Limited Smoke

Oil Resistance: PRII

Gasoline Resistance: GRII

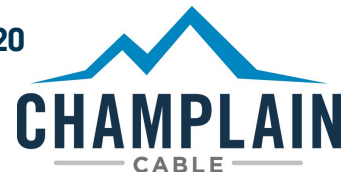


NFPA 130 - Standard for Fixed Guideway Transit and Passenger Rail Systems - 2020

Section 8.6.7.1.1.1

FT4/IEEE1202: Flame Testing of Cables for use in Cable Tray

ANSI/UL 1685: For Total Smoke Released and Peak Smoke Release Rate





LSZH RHW-2 Power Cables for Transit & Utility Infrastructure

600V

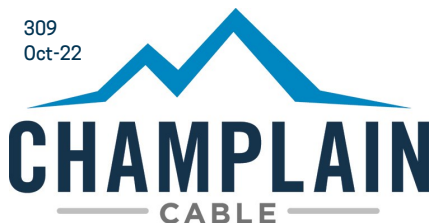
Product Number	AWG (Tin Copper)	Conductor		Wall Thickness (inches)	Finished OD (inches)	Weight LBS/MFT
		OD (inches)	Resistance Ohms/KFT			
EXRAD RHW2-600-14	14 (7)	0.073	2.620	.048	.168	24
EXRAD RHW2-600-12	12 (7)	0.092	1.650	.048	.187	34
EXRAD RHW2-600-10	10 (7)	0.116	1.040	.048	.211	48
EXRAD RHW2-600-8	8 (19)	0.166	.6540	.063	.291	76
EXRAD RHW2-600-8	6 (19)	0.186	.4110	.063	.311	116
EXRAD RHW2-600-4	4 (105)	0.262	.2590	.063	.387	175
EXRAD RHW2-600-2	2 (150)	0.321	.1630	.063	.446	259
EXRAD RHW2-600-1	1 (165)	0.373	.1290	.085	.543	346
EXRAD RHW2-600-1/0	1/0 (275)	0.430	.1020	.085	.600	424
EXRAD RHW2-600-2/0	2/0 (325)	0.470	.0811	.085	.640	519
EXRAD RHW2-600-4/0	4/0 (550)	0.600	.0510	.085	.770	773

2,000V

Product Number	AWG (Tin Copper)	Conductor		Wall Thickness (inches)	Finished OD (inches)	Weight LBS/MFT
		OD (inches)	Resistance Ohms/KFT			
EXRAD RHW2-2KV-14	14 (7)	0.073	2.620	.060	.193	28
EXRAD RHW2-2KV-12	12 (7)	0.092	1.650	.060	.212	39
EXRAD RHW2-2KV-10	10 (7)	0.116	1.040	.060	.236	54
EXRAD RHW2-2KV-8	8 (19)	0.166	.6540	.070	.306	81
EXRAD RHW2-2KV-6	6 (19)	0.186	.4110	.070	.326	121
EXRAD RHW2-2KV-4	4 (105)	0.262	.2590	.070	.402	181
EXRAD RHW2-2KV-2	2 (150)	0.321	.1630	.070	.461	266
EXRAD RHW2-2KV-1	1 (165)	0.373	.1290	.090	.553	352
EXRAD RHW2-2KV-1/0	1/0 (275)	0.430	.1020	.090	.610	430
EXRAD RHW2-2KV-2/0	2/0 (325)	0.470	.0811	.090	.650	526
EXRAD RHW2-2KV-4/0	4/0 (550)	0.600	.0510	.090	.780	781

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

309
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.