

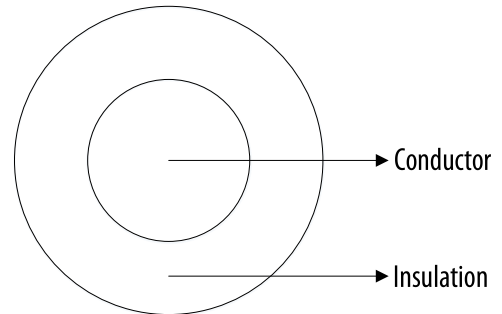
# 2AWG SIS/XHHW-2 LSZH Industrial Wire



PRODUCT DATA SHEET

SIS/XHHW-2 LSZH industrial wire is a one conductor, unjacketed, power cable utilizing flexible Class K conductor. Its tough, thermoset construction allows for its use in demanding applications without additional jacketing protection. It is intended for low voltage power and lighting functions and may be installed in trays, ducts and conduits.

**Design Number** 10295  
**Part Number** 32132434  
**Customer Number** N/A



## CONSTRUCTION

**Conductor:** Stranded tinned copper, Class K per ASTM B-172  
**Conductor Size:** 4AWG(616/30)  
**Insulation:** Flame retardant cross linked polyolefin (LSZH)  
**Insulation Avg. Thickness:** 0.045"(Nom.)  
**Insulated Conductor O.D.:** 0.398"(Nom.)  
**Color:** Gray; additional colors available  
**Cable Weight:** Approx. 229 lbs/mft

### Print Legend:

ASCENT LSZH E477980 UM 1C 2 AWG 616/30 (UL) TYPE XHHW-2 OR SIS ST1  
GR I FT4 IEEE 1202 -40C 600V c(UL) RW90 SIS FT4 -40C ST1 GR I 600V \*  
\* Date Mfg(MM/YY), Shop Order Number& Seq Footage

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 90°C  
**Operating Voltage:** 600V  
**Flame Test :** IEEE 1202/FT4 - ST1 per UL 1685  
**Listings:** Gasoline and Oil Resistant  
90°C wet/dry, -40°C

## SAFETY CHARACTERISTICS

**RoHS Compliance:** European Directive 2015/863/EU  
**Approvals:** UL listed as Type XHHW-2/SIS  
cUL RW90 per CEC per CSA 22.2 No. 38

**Application:** Intended for use as general purpose building wire or power cable in closed environments or populated spaces where specifications for smoke and halogen-free material are necessary.

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Revision History		
00	2020/06/29	Initial release
Created L. Jian	Approved A. Huang	

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