

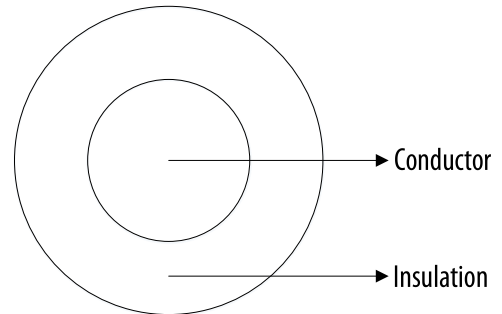
6AWG SIS/XHHW-2 LSZH Industrial Wire



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 10293
Part Number 32132432
Customer Number N/A



CONSTRUCTION

Conductor: Stranded tinned copper, Class K per ASTM B-172
Conductor Size: 6AWG(252/30)
Insulation: Flame retardant cross linked polyolefin (LSZH)
Insulation Avg. Thickness: 0.045"(Nom.)
Insulated Conductor O.D.: 0.288"(Nom.)
Color: Gray; additional colors available
Cable Weight: Approx. 103 lbs/mft

Print Legend:

ASCENT LSZH E477980 UM 1C 6 AWG 252/30 (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	

Bristol | Unit 61, Gazelle Rd., Weston Industrial Estate, Weston-super-Mare, North Somerset BS24 9ES UK
Frankfurt | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf
Milwaukee | 5001 South Towne Dr. New Berlin, WI 53151 USA
Suzhou | B2-2 Weiting Town Industrial - Workshop A, No. 9 Weixin Rd., Suzhou Industrial Park, Jiangsu, China 215122

