

LSZH SIGNAL CABLE

CONSTRUCTION

1. Conductors: 14, 9, 6, and 4 AWG Tin Coated Copper (Class C)
2. Insulation: Flame Retardant LSZH Crosslinked Polyolefin
3. Cable Assembly: 2 - 37 Conductors
4. Circuit Identification: Printed Numbers per ICEA S-73-532 Method 4
5. Fillers: Where required
6. Binder Tape: Helically Applied Polyester
7. Jacket: Black Flame Retardant LSZH Crosslinked Polyolefin

PRODUCT OVERVIEW

LSZH Signal Cables support critical functions in the transit infrastructure, including power, lighting, and instrumentation circuits. LSZH Signal Cables are designed to withstand rugged underground conditions. Cables rated for 600V, 1KV, and 2KV are available.

LISTINGS AND STANDARDS

- Insulation in accordance with ICEA, UL, and AREMA 10.3.26 2019 Class 2 Standards
- Insulation thickness per AREMA 10.3.16 2019 Type VI LSZH AERIAL
- Jacket in accordance with ICEA, UL, and AREMA 10.3.13 Thermosetting Jacket
- Jacket thickness per AREMA 10.3.16 2019 Type IV
- Insulated conductors are UL Listed Type RHW-2
- UL Listed Type TC (UL 1277) in accordance with NEC
- UL Listed s ST1 (Limited Smoke) per UL 2556/1685 with IEEE 1202/FT4 Flame Method
- UL Approved 90°C for Wet and Dry Locations
- Jacket exceeds requirements for UL Class XL/90°C and ICEA Publication T-33-655, Type II
- UL Listed for Sunlight Resistance
- UL Listed for Direct Burial
- Meets the requirements of NFPA 130
- Passes Long-Term Water Test per AREMA 10.3.26
- Insulation and Jacket Toxicity Index does not exceed 2.0% per NES 713
- Insulation and Jacket Halogen Content does not exceed 0.2% per MIL-DTL-24643
- Insulation and Jacket Acid Gas Content does not exceed 2.0% per MIL-DTL-24643



See Product Sizes Table for Dimensions

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Product Sizes							
Cond. Number	Size (AWG)	Nom. Cond. OD (in.)	Nom. Wall (in.)	Nom. Insul. OD (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Approximate Net Weight (lbs/kft)
2	14	0.067	0.045	0.160	0.060	0.45	101
3	14	0.067	0.045	0.160	0.060	0.47	128
4	14	0.067	0.045	0.160	0.060	0.51	157
5	14	0.067	0.045	0.160	0.080	0.60	207
7	14	0.067	0.045	0.160	0.080	0.65	262
9	14	0.067	0.045	0.160	0.080	0.81	338
10	14	0.067	0.045	0.160	0.080	0.81	361
12	14	0.067	0.045	0.160	0.080	0.83	413
19	14	0.067	0.045	0.160	0.095	1.00	631
27	14	0.067	0.045	0.160	0.095	1.18	859
37	14	0.067	0.045	0.160	0.110	1.35	1163
2	9	0.126	0.045	0.22	0.080	0.60	215
3	9	0.126	0.045	0.22	0.080	0.64	280
4	9	0.126	0.045	0.22	0.080	0.70	351
5	9	0.126	0.045	0.22	0.080	0.76	413
7	9	0.126	0.045	0.22	0.080	0.82	543
9	9	0.126	0.045	0.22	0.095	1.07	736
12	9	0.126	0.045	0.22	0.095	1.10	919
15	9	0.126	0.045	0.22	0.095	1.22	1123
2	6	0.184	0.060	0.31	0.080	0.78	368
3	6	0.184	0.060	0.31	0.080	0.83	494
4	6	0.184	0.060	0.31	0.095	0.94	657
5	6	0.184	0.060	0.31	0.095	1.03	777
4	4	0.227	0.060	0.39	0.095	1.14	999

All dimensions are nominal and subject to normal manufacturing tolerances

Visit our website at Texcan.com and social media [@TexcanCanada](https://twitter.com/TexcanCanada)

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