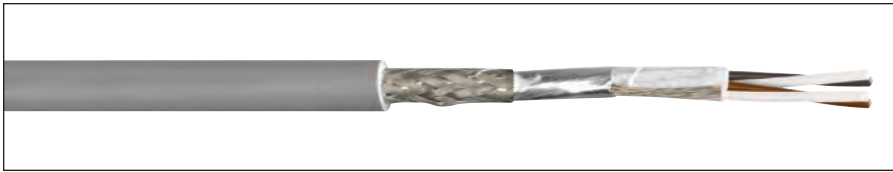


EXZEL® LSZH Multi-Paired, Foil/Braid Shielded

NEC Type CM, CMG, CL2 or PLTC-ER (UL)



| PART NUMBER | PAIRS | AWG SIZE | COND. STRAND | NOMINAL INSULATION THICKNESS | | NOMINAL JACKET THICKNESS | | NOMINAL CABLE DIAMETER | |
|-------------|-------|----------|--------------|------------------------------|------|--------------------------|------|------------------------|-------|
| | | | | in | mm | in | mm | in | mm |
| C9500ZH | 1 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.187 | 4.75 |
| C9501ZH | 2 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.247 | 6.27 |
| C9502ZH | 3 | 24 | 7/32 | 0.010 | 0.25 | 0.032 | 0.81 | 0.258 | 6.55 |
| C9503ZH | 4 | 24 | 7/32 | 0.010 | 0.25 | 0.037 | 0.94 | 0.288 | 7.31 |
| C9504ZH | 5 | 24 | 7/32 | 0.010 | 0.25 | 0.037 | 0.94 | 0.309 | 7.84 |
| C9505ZH | 6 | 24 | 7/32 | 0.010 | 0.25 | 0.037 | 0.94 | 0.331 | 8.40 |
| C9506ZH | 9 | 24 | 7/32 | 0.010 | 0.25 | 0.037 | 0.94 | 0.377 | 9.57 |
| C9507ZH | 11 | 24 | 7/32 | 0.010 | 0.25 | 0.047 | 1.19 | 0.425 | 10.79 |
| C9508ZH | 15 | 24 | 7/32 | 0.010 | 0.25 | 0.047 | 1.19 | 0.476 | 12.10 |
| C9510ZH | 1 | 22 | 7/30 | 0.013 | 0.33 | 0.037 | 0.94 | 0.209 | 5.31 |
| C9511ZH | 2 | 22 | 7/30 | 0.013 | 0.33 | 0.037 | 0.94 | 0.277 | 7.04 |
| C9512ZH | 3 | 22 | 7/30 | 0.013 | 0.33 | 0.042 | 1.07 | 0.300 | 7.61 |
| C9513ZH | 4 | 22 | 7/30 | 0.013 | 0.33 | 0.042 | 1.07 | 0.322 | 8.19 |
| C9514ZH | 5 | 22 | 7/30 | 0.013 | 0.33 | 0.042 | 1.07 | 0.346 | 8.78 |
| C9515ZH | 6 | 22 | 7/30 | 0.013 | 0.33 | 0.042 | 1.07 | 0.371 | 9.42 |
| C9516ZH | 9 | 22 | 7/30 | 0.013 | 0.33 | 0.052 | 1.32 | 0.443 | 11.25 |
| C9517ZH | 11 | 22 | 7/30 | 0.013 | 0.33 | 0.052 | 1.32 | 0.480 | 12.19 |
| C9518ZH | 15 | 22 | 7/30 | 0.013 | 0.33 | 0.052 | 1.32 | 0.539 | 13.69 |
| C9529ZH | 1 | 20 | 7/28 | 0.016 | 0.41 | 0.037 | 0.94 | 0.249 | 6.32 |
| C9530ZH | 2 | 20 | 7/28 | 0.016 | 0.41 | 0.042 | 1.07 | 0.354 | 9.00 |
| C9521ZH | 3 | 20 | 7/28 | 0.016 | 0.41 | 0.042 | 1.07 | 0.372 | 9.44 |
| C9531ZH | 4 | 20 | 7/28 | 0.016 | 0.41 | 0.052 | 1.32 | 0.424 | 10.76 |
| C9532ZH | 5 | 20 | 7/28 | 0.016 | 0.41 | 0.052 | 1.32 | 0.457 | 11.60 |
| C9522ZH | 6 | 20 | 7/28 | 0.016 | 0.41 | 0.052 | 1.32 | 0.497 | 12.62 |
| C9523ZH | 9 | 20 | 7/28 | 0.016 | 0.41 | 0.052 | 1.32 | 0.570 | 14.47 |
| C9533ZH | 12 | 20 | 7/28 | 0.016 | 0.41 | 0.062 | 1.57 | 0.652 | 16.56 |
| C9534ZH | 15 | 20 | 7/28 | 0.016 | 0.41 | 0.062 | 1.57 | 0.717 | 18.20 |
| C9535ZH | 1 | 18 | 16/30 | 0.016 | 0.41 | 0.037 | 0.94 | 0.265 | 6.73 |
| C9525ZH | 2 | 18 | 16/30 | 0.016 | 0.41 | 0.042 | 1.07 | 0.381 | 9.68 |
| C9526ZH | 3 | 18 | 16/30 | 0.016 | 0.41 | 0.052 | 1.32 | 0.421 | 10.69 |
| C9536ZH | 4 | 18 | 16/30 | 0.016 | 0.41 | 0.052 | 1.32 | 0.461 | 11.71 |
| C9537ZH | 5 | 18 | 16/30 | 0.016 | 0.41 | 0.052 | 1.32 | 0.498 | 12.64 |
| C9527ZH | 6 | 18 | 16/30 | 0.016 | 0.41 | 0.052 | 1.32 | 0.537 | 13.64 |
| C9528ZH | 9 | 18 | 16/30 | 0.016 | 0.41 | 0.062 | 1.57 | 0.638 | 16.21 |
| C9538ZH | 12 | 18 | 16/30 | 0.016 | 0.41 | 0.062 | 1.57 | 0.708 | 17.98 |
| C9539ZH | 15 | 18 | 16/30 | 0.016 | 0.41 | 0.062 | 1.57 | 0.780 | 19.81 |

Product Construction:

Conductor:

- Fully annealed stranded tinned copper per ASTM B33

Insulation:

- Premium-grade, color-coded LSZH (Thermoplastic Polyolefin)
- Color per Chart C for 24 AWG and 22 AWG on page 97
- Color per Chart D for 20 AWG and larger on page 97

Shield:

- Dual foil with overall braided shield
- Aluminum/polyester/aluminum foil with 100% coverage
- Stranded tinned copper drain wire
- Tinned copper braided shield, 85% min. coverage

Jacket:

- Premium FR-LSZH (Thermoplastic Polyolefin)
- Operating temperature range: -40°C to +105°C

Applications:

- Advanced signal transmission in controlled environments
- Medical instrumentation and equipment
- Consumer electronic peripherals
- Industrial process control systems
- Suitable for EIA RS-232 applications

Features:

- Oil-resistant (OIL RES I)
- Sunlight-resistant (SUN RES)
- Nylon ripcord
- UV-resistant

Compliances:

- NEC Article 725 Type PLTC-ER (22 AWG and larger, UL: 105°C, 300 V)
- (-ER): approved for Exposed Run as defined per NEC Article 725
- NEC Article 725 Type CL2 (UL: 105°C, 150 V)
- NEC Article 800 Type CM/CMG (UL: 105°C, 300 V)
- CE Compliant to IEC Directive 93/68/EEC
- RoHS Compliant Directive 2011/65/EU

Compliances: Flame & Smoke

- Vertical Tray Cable Flame Test per UL 1581 and IEEE 383 (70,000 BTU)
- CSA FT4/IEEE 1202 flame test per UL 1685
- IEC 60332-1, 3, Cat A: Flammability
- IEC 61034-1, 2 and Mil-DTL-24643B and NES 711: Smoke Index Emission
- IEC 60754-1, 2 and Mil-DTL-24643B: Halogen Content and Acid Gas Generation

Packaging

- Please contact Customer Service for packaging and color options

Data subject to change.

