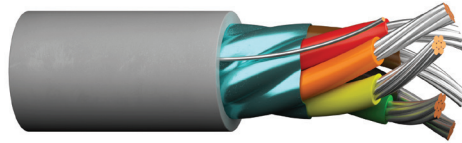


EXZEL® LSZH Multi-Conductor, Foil Shielded

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



PART NUMBER	COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL CABLE DIAMETER	
				in	mm	in	mm	in	mm
C9100ZH	2	24	7/32	0.010	0.25	0.032	0.81	0.165	4.19
C9101ZH	3	24	7/32	0.010	0.25	0.032	0.81	0.172	4.36
C9102ZH	4	24	7/32	0.010	0.25	0.032	0.81	0.183	4.66
C9103ZH	6	24	7/32	0.010	0.25	0.032	0.81	0.209	5.31
C9104ZH	8	24	7/32	0.010	0.25	0.032	0.81	0.223	5.66
C9105ZH	10	24	7/32	0.010	0.25	0.032	0.81	0.253	6.43
C9106ZH	15	24	7/32	0.010	0.25	0.037	0.94	0.294	7.46
C9107ZH	20	24	7/32	0.010	0.25	0.037	0.94	0.321	8.14
C9108ZH	25	24	7/32	0.010	0.25	0.037	0.94	0.351	8.92
C9109ZH	2	22	7/30	0.013	0.33	0.037	0.94	0.187	4.75
C9110ZH	3	22	7/30	0.013	0.33	0.037	0.94	0.195	4.94
C9111ZH	4	22	7/30	0.013	0.33	0.037	0.94	0.208	5.28
C9112ZH	6	22	7/30	0.013	0.33	0.037	0.94	0.237	6.02
C9113ZH	8	22	7/30	0.013	0.33	0.037	0.94	0.253	6.41
C9114ZH	10	22	7/30	0.013	0.33	0.042	1.07	0.297	7.54
C9115ZH	15	22	7/30	0.013	0.33	0.042	1.07	0.332	8.43
C9116ZH	20	22	7/30	0.013	0.33	0.042	1.07	0.363	9.21
C9117ZH	25	22	7/30	0.013	0.33	0.052	1.32	0.417	10.59
C9118ZH	2	20	7/28	0.016	0.41	0.037	0.94	0.227	5.77
C9119ZH	3	20	7/28	0.016	0.41	0.037	0.94	0.238	6.03
C9120ZH	4	20	7/28	0.016	0.41	0.037	0.94	0.256	6.51
C9121ZH	6	20	7/28	0.016	0.41	0.042	1.07	0.307	7.80
C9122ZH	8	20	7/28	0.016	0.41	0.042	1.07	0.329	8.35
C9123ZH	10	20	7/28	0.016	0.41	0.042	1.07	0.377	9.58
C9124ZH	15	20	7/28	0.016	0.41	0.052	1.32	0.446	11.33
C9125ZH	20	20	7/28	0.016	0.41	0.052	1.32	0.489	12.41
C9126ZH	25	20	7/28	0.016	0.41	0.052	1.32	0.537	13.64
C9127ZH	2	18	16/30	0.016	0.41	0.037	0.94	0.243	6.17
C9128ZH*	2	18	16/30	0.016	0.41	0.037	0.94	0.243	6.17
C9129ZH	3	18	16/30	0.016	0.41	0.037	0.94	0.255	6.47
C9130ZH*	3	18	16/30	0.016	0.41	0.037	0.94	0.255	6.47
C9131ZH	4	18	16/30	0.016	0.41	0.037	0.94	0.276	7.00
C9132ZH	6	18	16/30	0.016	0.41	0.042	1.07	0.331	8.41
C9133ZH	8	18	16/30	0.016	0.41	0.042	1.07	0.355	9.02
C9134ZH	10	18	16/30	0.016	0.41	0.052	1.32	0.429	10.90
C9135ZH	15	18	16/30	0.016	0.41	0.052	1.32	0.484	12.28
C9136ZH	20	18	16/30	0.016	0.41	0.052	1.32	0.531	13.49
C9137ZH	25	18	16/30	0.016	0.41	0.052	1.32	0.585	14.86
C9138ZH	2	16	19/0117	0.016	0.41	0.037	0.94	0.267	6.78
C9139ZH*	2	16	19/0117	0.016	0.41	0.037	0.94	0.267	6.78
C9140ZH	3	16	19/0117	0.016	0.41	0.037	0.94	0.281	7.12
C9141ZH*	3	16	19/0117	0.016	0.41	0.037	0.94	0.281	7.12
C9142ZH	4	16	19/0117	0.016	0.41	0.042	1.07	0.315	8.00
C9143ZH	6	16	19/0117	0.016	0.41	0.042	1.07	0.367	9.32
C9144ZH	8	16	19/0117	0.016	0.41	0.052	1.32	0.415	10.54
C9145ZH	10	16	19/0117	0.016	0.41	0.052	1.32	0.477	12.12
C9146ZH	15	16	19/0117	0.016	0.41	0.052	1.32	0.540	13.72
C9147ZH	20	16	19/0117	0.016	0.41	0.052	1.32	0.595	15.11
C9148ZH	25	16	19/0117	0.016	0.41	0.062	1.57	0.677	17.20

* IEC Color Code: Brown, Blue, Green/Yellow.

Product Construction:

Conductor:

- Fully annealed stranded tinned copper per ASTM B33

Insulation:

- Premium-grade, color-coded LSZH (Thermoplastic Polyolefin)
- Color per Chart A for 24 AWG and 22 AWG on page 97
- Color per Chart B for 20 AWG and larger on page 97
- International colors per IEC Color Chart on page 97

Shield:

- 100% Flexfoil®, aluminum/polyester/aluminum, foil facing in
- Stranded tinned copper drain wire

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)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

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.

