

EXZEL® LSZH Multi-Conductor, Unshielded

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

Product Construction:

Conductor:

- Fully annealed stranded tinned copper per ASTM B33

Insulation:

- Premium-grade, color-coded LSZH
- 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:

- Unshielded

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:

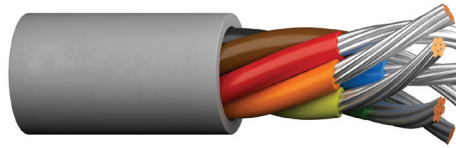
- NEC Article 725 Type PLTC-ER (22 AWG and larger, UL: 105°C, 300 V)
- (-ER): approved for Exposed Run as defined per NEC Article 725
- NEC Article 725 Type CL2 (UL: 105°C, 150 V)
- NEC Article 800 Type CM/CMG (UL: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

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.



PART NUMBER	COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL CABLE DIAMETER	
				in	mm	in	mm	in	mm
C9000ZH	2	24	7/32	0.010	0.25	0.032	0.81	0.160	4.06
C9001ZH	3	24	7/32	0.010	0.25	0.032	0.81	0.167	4.23
C9002ZH	4	24	7/32	0.010	0.25	0.032	0.81	0.178	4.53
C9003ZH	6	24	7/32	0.010	0.25	0.032	0.81	0.204	5.18
C9004ZH	8	24	7/32	0.010	0.25	0.032	0.81	0.218	5.53
C9005ZH	10	24	7/32	0.010	0.25	0.032	0.81	0.248	6.30
C9006ZH	15	24	7/32	0.010	0.25	0.037	0.94	0.289	7.34
C9007ZH	20	24	7/32	0.010	0.25	0.037	0.94	0.316	8.02
C9008ZH	25	24	7/32	0.010	0.25	0.037	0.94	0.346	8.79
C9009ZH	2	22	7/30	0.013	0.33	0.037	0.94	0.182	4.62
C9010ZH	3	22	7/30	0.013	0.33	0.037	0.94	0.190	4.81
C9011ZH	4	22	7/30	0.013	0.33	0.037	0.94	0.203	5.16
C9012ZH	6	22	7/30	0.013	0.33	0.037	0.94	0.232	5.89
C9013ZH	8	22	7/30	0.013	0.33	0.037	0.94	0.248	6.29
C9014ZH	10	22	7/30	0.013	0.33	0.042	1.07	0.292	7.42
C9015ZH	15	22	7/30	0.013	0.33	0.042	1.07	0.327	8.31
C9016ZH	20	22	7/30	0.013	0.33	0.042	1.07	0.358	9.08
C9017ZH	25	22	7/30	0.013	0.33	0.052	1.32	0.412	10.46
C9018ZH	2	20	7/28	0.016	0.41	0.037	0.94	0.222	5.64
C9019ZH	3	20	7/28	0.016	0.41	0.037	0.94	0.233	5.91
C9020ZH	4	20	7/28	0.016	0.41	0.037	0.94	0.251	6.39
C9021ZH	6	20	7/28	0.016	0.41	0.042	1.07	0.302	7.67
C9022ZH	8	20	7/28	0.016	0.41	0.042	1.07	0.324	8.22
C9023ZH	10	20	7/28	0.016	0.41	0.042	1.07	0.372	9.45
C9024ZH	15	20	7/28	0.016	0.41	0.052	1.32	0.441	11.20
C9025ZH	20	20	7/28	0.016	0.41	0.052	1.32	0.484	12.29
C9026ZH	25	20	7/28	0.016	0.41	0.052	1.32	0.532	13.51
C9027ZH*	2	18	16/30	0.016	0.41	0.037	0.94	0.238	6.05
C9028ZH*	2	18	16/30	0.016	0.41	0.037	0.94	0.238	6.05
C9029ZH*	3	18	16/30	0.016	0.41	0.037	0.94	0.250	6.34
C9030ZH	3	18	16/30	0.016	0.41	0.037	0.94	0.250	6.34
C9031ZH	4	18	16/30	0.016	0.41	0.037	0.94	0.271	6.88
C9032ZH	6	18	16/30	0.016	0.41	0.042	1.07	0.326	8.28
C9033ZH	8	18	16/30	0.016	0.41	0.042	1.07	0.350	8.89
C9034ZH	10	18	16/30	0.016	0.41	0.052	1.32	0.424	10.77
C9035ZH	15	18	16/30	0.016	0.41	0.052	1.32	0.479	12.16
C9036ZH	20	18	16/30	0.016	0.41	0.052	1.32	0.526	13.36
C9037ZH	25	18	16/30	0.016	0.41	0.052	1.32	0.580	14.73
C9038ZH*	2	16	19/0117	0.016	0.41	0.037	0.94	0.262	6.65
C9039ZH*	2	16	19/0117	0.016	0.41	0.037	0.94	0.262	6.65
C9040ZH*	3	16	19/0117	0.016	0.41	0.037	0.94	0.276	7.00
C9041ZH	3	16	19/0117	0.016	0.41	0.037	0.94	0.276	7.00
C9042ZH	4	16	19/0117	0.016	0.41	0.042	1.07	0.310	7.87
C9043ZH	6	16	19/0117	0.016	0.41	0.042	1.07	0.362	9.19
C9044ZH	8	16	19/0117	0.016	0.41	0.052	1.32	0.410	10.41
C9045ZH	10	16	19/0117	0.016	0.41	0.052	1.32	0.472	11.99
C9046ZH	15	16	19/0117	0.016	0.41	0.052	1.32	0.535	13.59
C9047ZH	20	16	19/0117	0.016	0.41	0.052	1.32	0.590	14.98
C9048ZH	25	16	19/0117	0.016	0.41	0.062	1.57	0.672	17.07

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