

# EXZEL® LSZH Multi-Conductor, Foil/Braid Shielded

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

**Product Construction:**

**Conductor:**

- Full 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:**

- 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:**

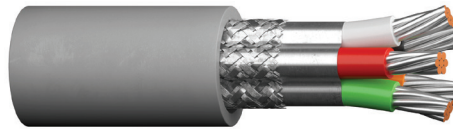
- NEC Article 725 Type PLTC-ER (22 AWG and larger, UL: 105°C, 300 V)
- (-ER): approved for Exposed Run as defined per NEC Article 725
- NEC Article 725 Type CL2 (UL: 105°C, 150 V)
- NEC Article 800 Type CM/CMG (UL: 105°C, 300 V)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)

**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
C9200ZH	2	24	7/32	0.010	0.25	0.032	0.81	0.187	4.75
C9201ZH	3	24	7/32	0.010	0.25	0.032	0.81	0.194	4.92
C9202ZH	4	24	7/32	0.010	0.25	0.032	0.81	0.205	5.22
C9203ZH	6	24	7/32	0.010	0.25	0.032	0.81	0.231	5.87
C9204ZH	8	24	7/32	0.010	0.25	0.032	0.81	0.245	6.21
C9205ZH	10	24	7/32	0.010	0.25	0.037	0.94	0.285	7.24
C9206ZH	15	24	7/32	0.010	0.25	0.037	0.94	0.316	8.02
C9207ZH	20	24	7/32	0.010	0.25	0.037	0.94	0.343	8.70
C9208ZH	25	24	7/32	0.010	0.25	0.037	0.94	0.373	9.47
C9209ZH	2	22	7/30	0.013	0.33	0.037	0.94	0.209	5.31
C9210ZH	3	22	7/30	0.013	0.33	0.037	0.94	0.217	5.50
C9211ZH	4	22	7/30	0.013	0.33	0.037	0.94	0.230	5.84
C9212ZH	6	22	7/30	0.013	0.33	0.037	0.94	0.259	6.58
C9213ZH	8	22	7/30	0.013	0.33	0.037	0.94	0.275	6.97
C9214ZH	10	22	7/30	0.013	0.33	0.042	1.07	0.319	8.10
C9215ZH	15	22	7/30	0.013	0.33	0.042	1.07	0.354	8.99
C9216ZH	20	22	7/30	0.013	0.33	0.042	1.07	0.385	9.77
C9217ZH	25	22	7/30	0.013	0.33	0.052	1.32	0.444	11.28
C9218ZH	2	20	7/28	0.016	0.41	0.037	0.94	0.249	6.32
C9219ZH	3	20	7/28	0.016	0.41	0.037	0.94	0.260	6.59
C9220ZH	4	20	7/28	0.016	0.41	0.037	0.94	0.278	7.07
C9221ZH	6	20	7/28	0.016	0.41	0.042	1.07	0.329	8.36
C9222ZH	8	20	7/28	0.016	0.41	0.042	1.07	0.351	8.91
C9223ZH	10	20	7/28	0.016	0.41	0.052	1.32	0.419	10.64
C9224ZH	15	20	7/28	0.016	0.41	0.052	1.32	0.473	12.01
C9225ZH	20	20	7/28	0.016	0.41	0.052	1.32	0.516	13.10
C9226ZH	25	20	7/28	0.016	0.41	0.052	1.32	0.564	14.33
C9227ZH*	2	18	16/30	0.016	0.41	0.037	0.94	0.265	6.73
C9228ZH	2	18	16/30	0.016	0.41	0.037	0.94	0.265	6.73
C9229ZH*	3	18	16/30	0.016	0.41	0.037	0.94	0.277	7.03
C9230ZH	3	18	16/30	0.016	0.41	0.037	0.94	0.277	7.03
C9231ZH	4	18	16/30	0.016	0.41	0.042	1.07	0.308	7.82
C9232ZH	6	18	16/30	0.016	0.41	0.042	1.07	0.353	8.97
C9233ZH	8	18	16/30	0.016	0.41	0.042	1.07	0.377	9.58
C9234ZH	10	18	16/30	0.016	0.41	0.052	1.32	0.456	11.58
C9235ZH	15	18	16/30	0.016	0.41	0.052	1.32	0.511	12.97
C9236ZH	20	18	16/30	0.016	0.41	0.052	1.32	0.558	14.18
C9237ZH	25	18	16/30	0.016	0.41	0.062	1.57	0.632	16.05
C9238ZH*	2	16	19/0117	0.016	0.41	0.042	1.07	0.299	7.59
C9239ZH	2	16	19/0117	0.016	0.41	0.042	1.07	0.299	7.59
C9240ZH*	3	16	19/0117	0.016	0.41	0.042	1.07	0.313	7.94
C9241ZH	3	16	19/0117	0.016	0.41	0.042	1.07	0.313	7.94
C9242ZH	4	16	19/0117	0.016	0.41	0.042	1.07	0.337	8.55
C9243ZH	6	16	19/0117	0.016	0.41	0.052	1.32	0.409	10.39
C9244ZH	8	16	19/0117	0.016	0.41	0.052	1.32	0.437	11.10
C9245ZH	10	16	19/0117	0.016	0.41	0.052	1.32	0.504	12.80
C9246ZH	15	16	19/0117	0.016	0.41	0.052	1.32	0.567	14.40
C9247ZH	20	16	19/0117	0.016	0.41	0.062	1.57	0.642	16.30
C9248ZH	25	16	19/0117	0.016	0.41	0.062	1.57	0.704	17.88

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