

# 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:**

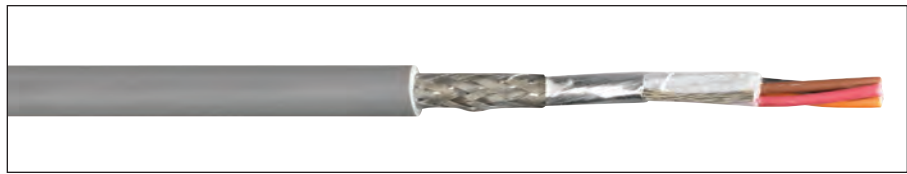
- NEC Article 725 Type PLTC-ER (22 AWG and larger, UL: 105°C, 300 V)
- (-ER): approved for Exposed Run as defined per NEC Article 725
- NEC Article 725 Type CL2 (UL: 105°C, 150 V)
- NEC Article 800 Type CM/CMG (UL: 105°C, 300 V)
- CE Compliant to IEC Directive 93/68/EEC
- RoHS Compliant Directive 2011/65/EU

**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



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