Power & distribution cables

SE 0875 450/750V LUL LSZH Screened Track

Crossing Cable



SE 0875 / LUL 1-085 · 450/750 V · -15°C to +85°C · Min. bend 12 × OD

SE 0875 / LUL 1-085 | 450/750 V

Application

SE 0875 450/750V LUL LSZH Screened Track Crossing Cable manufactured to SE 0875 / LUL 1-085, rated 450/750 V and -15°C to +85°C with a 12 × OD minimum bending radius for infrastructure & construction installations.

Typical uses: Power distribution & utility networks, Railways, tunnels & public infrastructure, Process instrumentation & oil/gas skids, Industrial automation & control cabinets, Renewable energy, marine & heavy industry

Construction





Cross-section, not to scale

1	Conductor	5C×1.16 mm² Class 5 Flexible Tinned Cu
2	Insulation & Core Identification	LUL SE 0875 0.9 mm Low Smoke Zero Halogen (LSZH) core insulation (1.16 mm² TC)
3	Screen / Bedding / Armour Layer	Halogen-free separator binder tape + Tinned Copper Wire Braid (TCWB) overall screen
4	Outer Protective Sheath	Black LUL 1-085 Low Smoke Zero Halogen (LSZH) outer sheath (OD 14.3 mm)

Technical data

Typical values

Nominal / reference voltage	450/750 V	Conductor & core insulation	5C×1.16 mm² Class 5 Flexible Tinned Cu · LUL SE 0875 0.9 mm Low Smoke Zero Halogen (LSZH) core insulation (1.16 mm² TC)
Routine dielectric / continuity test	100% factory drum spark & continuity verified	Operating temperature range	-15°C to +85°C
Short-circuit / peak thermal limit	+160 °C to +250 °C (5 s conductor thermal limit)	Flame & fire performance	SE 0875 / LUL 1-085
Minimum bending radius	12 × OD	Screening / armour architecture	Halogen-free separator binder tape + Tinned Copper Wire Braid (TCWB) overall screen
Outer sheath material & colour	Black LUL 1-085 Low Smoke Zero Halogen (LSZH) outer sheath (OD 14.3 mm)	Standards	SE 0875 / LUL 1-085

Sizes

3 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Part designation	Configuration	Conductor & shield	Insulation / wall	Outer sheath	Outer diameter mm	Min. bend radius mm	Max. conductor resistance @ 20 °C Ω/km	Copper weight kg/km	Cable weight kg/km	Key electrical / optical rating
SE 0875 450/750V LUL LSZH Screened Track 3 sizes										
☐ SE 0875 450/750V LUL LSZH Screened Track (5C×1.16 mm²)	5C×1.16 mm²	Class 5 Flexible Tinned Copper	LUL SE 0875 0.9 mm Low Smoke Zero Halogen core insulation	LSZH Jacket	14.3	172	15.60	250.1	481	13 A
☐ SE 0875 450/750V LUL LSZH Screened Track (5C×1.5 mm²)	5C×1.5 mm²	Class 5 Flexible Tinned Copper	LUL SE 0875 0.9 mm Low Smoke Zero Halogen core insulation	LSZH Jacket	16.9	203	12.07	347.9	669	18 A
☐ SE 0875 450/750V LUL LSZH Screened Track (5C×2.5 mm²)	5C×2.5 mm²	Class 5 Flexible Tinned Copper	LUL SE 0875 0.9 mm Low Smoke Zero Halogen core insulation	LSZH Jacket	19.7	236	7.24	475.8	915	25 A

– Dimensions and weights are nominal manufacturing targets subject to standard production tolerances.

Standards and approvals

- ✓ SE 0875 / LUL 1-085 Compliant
- ✓ EN 10204 3.1 Factory Test Certificate
- ✓ CE, UKCA, RoHS 2 (2011/65/EU) & REACH

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone **+86 185 9591 3361**

Email **info@tebaoflex.com**

Web **tebaoflex.com/cables/se-0875-450-750v-lul-lszh-screened-track-crossing-cable**

Typical values for this cable type, based on Reference specification per SE 0875 / LUL 1-085 (SE 0875 450/750V LUL LSZH Screened Track). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.