

LiHH CABLE – LSZH HALOGEN-FREE SIGNAL CABLE

Low Smoke Zero Halogen Signal

LiHH Cable LSZH



✓ LSZH ✓ Low Smoke ✓ Halogen Free ✓ Flexible

APPLICATION

- Signal and control cable in electronics
- Public buildings and safety areas
- Office and industrial control systems
- Environments requiring LSZH performance

CABLE CONSTRUCTION

Conductor: Class 5 oxygen-free copper
Insulation: PE
Core identification: Colored cores
Sheath: LSZH

KEY FEATURES

- LSZH sheath (low smoke zero halogen)
- Reduced toxic gas emission
- Class 5 flexible copper conductors
- Colored core identification
- Flame retardant

STANDARDS

VDE 0812 | DIN 47100 | IEC60332-1 | IEC60754
| RoHS

PRODUCT LIST

Part No.	Type	Size (mm2)	Cores	Conductor	Insulation (mm)	Sheath (mm)	OD (mm)	Max DCR
05120214	PE-LSZH	0.14	2	12/0.12	0.3	0.6	3.4	148
05120314	PE-LSZH	0.14	3	12/0.12	0.3	0.6	3.6	148
05120414	PE-LSZH	0.14	4	12/0.12	0.3	0.6	3.9	148
05120514	PE-LSZH	0.14	5	12/0.12	0.3	0.6	4.2	148
05120714	PE-LSZH	0.14	7	12/0.12	0.3	0.6	4.5	148
05120814	PE-LSZH	0.14	8	12/0.12	0.3	0.6	4.8	148
05121014	PE-LSZH	0.14	10	12/0.12	0.3	0.6	5.6	148
05121214	PE-LSZH	0.14	12	12/0.12	0.3	0.7	6	148
05121414	PE-LSZH	0.14	14	12/0.12	0.3	0.7	6.3	148
05120225	PE-LSZH	0.25	2	14/0.15	0.3	0.6	3.8	79.9
05120325	PE-LSZH	0.25	3	14/0.15	0.3	0.6	4.1	79.9

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05120425	PE-LSZH	0.25	4	14/0.15	0.3	0.6	4.4	79.9
05120525	PE-LSZH	0.25	5	14/0.15	0.3	0.6	4.7	79.9
05120725	PE-LSZH	0.25	7	14/0.15	0.3	0.6	5.1	79.9
05120825	PE-LSZH	0.25	8	14/0.15	0.3	0.6	5.5	79.9
05121025	PE-LSZH	0.25	10	14/0.15	0.3	0.7	6.6	79.9
05121225	PE-LSZH	0.25	12	14/0.15	0.3	0.7	6.9	79.9
05121425	PE-LSZH	0.25	14	14/0.15	0.3	0.7	7.2	79.9
05120234	PE-LSZH	0.34	2	20/0.15	0.3	0.6	4	57
05120334	PE-LSZH	0.34	3	20/0.15	0.3	0.6	4.3	57
05120434	PE-LSZH	0.34	4	20/0.15	0.3	0.6	4.6	57
05120534	PE-LSZH	0.34	5	20/0.15	0.3	0.6	5	57
05120734	PE-LSZH	0.34	7	20/0.15	0.3	0.6	5.4	57
05120834	PE-LSZH	0.34	8	20/0.15	0.3	0.6	5.8	57
05121034	PE-LSZH	0.34	10	20/0.15	0.3	0.7	7	57
05121234	PE-LSZH	0.34	12	20/0.15	0.3	0.7	7.3	57
05121434	PE-LSZH	0.34	14	20/0.15	0.3	0.7	7.6	57
05120250	PE-LSZH	0.5	2	16/0.20	0.3	0.6	4.3	39
05120350	PE-LSZH	0.5	3	16/0.20	0.3	0.6	4.6	39
05120450	PE-LSZH	0.5	4	16/0.20	0.3	0.6	5	39
05120550	PE-LSZH	0.5	5	16/0.20	0.3	0.6	5.4	39
05120750	PE-LSZH	0.5	7	16/0.20	0.3	0.6	5.9	39
05120850	PE-LSZH	0.5	8	16/0.20	0.3	0.7	6.5	39
05121050	PE-LSZH	0.5	10	16/0.20	0.3	0.7	7.6	39
05121250	PE-LSZH	0.5	12	16/0.20	0.3	0.7	7.9	39
05121450	PE-LSZH	0.5	14	16/0.20	0.3	0.7	8.3	39
05120275	PE-LSZH	0.75	2	24/0.20	0.4	0.6	5.2	26
05120375	PE-LSZH	0.75	3	24/0.20	0.4	0.6	5.6	26
05120475	PE-LSZH	0.75	4	24/0.20	0.4	0.6	6.1	26
05120575	PE-LSZH	0.75	5	24/0.20	0.4	0.7	6.6	26
05120775	PE-LSZH	0.75	7	24/0.20	0.4	0.7	7.2	26
05120875	PE-LSZH	0.75	8	24/0.20	0.4	0.7	8	26
05121075	PE-LSZH	0.75	10	24/0.20	0.4	0.8	9.6	26
05121275	PE-LSZH	0.75	12	24/0.20	0.4	0.8	10	26
05121475	PE-LSZH	0.75	14	24/0.20	0.4	0.9	10.7	26
05120210	PE-LSZH	1	2	32/0.20	0.5	0.6	5.8	19.5
05120310	PE-LSZH	1	3	32/0.20	0.5	0.6	6.3	19.5
05120410	PE-LSZH	1	4	32/0.20	0.5	0.7	7	19.5
05120510	PE-LSZH	1	5	32/0.20	0.5	0.7	7.6	19.5
05120710	PE-LSZH	1	7	32/0.20	0.5	0.8	8.5	19.5
05120215	PE-LSZH	1.5	2	30/0.25	0.5	0.6	6.4	13.3
05120315	PE-LSZH	1.5	3	30/0.25	0.5	0.7	7.1	13.3
05120415	PE-LSZH	1.5	4	30/0.25	0.5	0.7	7.7	13.3
05120515	PE-LSZH	1.5	5	30/0.25	0.5	0.8	8.6	13.3
05120715	PE-LSZH	1.5	7	30/0.25	0.5	0.9	9.6	13.3

PERFORMANCE TABLE

Test	Standard	Result
Rated voltage	IEC	250/250V
Test voltage	IEC	1200V
Temperature range	IEC	-15~70°C
Flame retardant	IEC60332-1	Pass
Halogen free	IEC60754	Pass