

## JE-LIHCH Shielded Industrial Cable



**JE-LIHCH** is a VDE approved, halogen-free, flexible, overall shielded, multi-pair European industrial data transmission cable. For use in stationary applications in dry, moist and wet conditions. Especially designed for transmissions of signals and measurements in electronics and computers. Suitable for use under plaster and in fixed installations in outer walls of buildings. Also suitable for connections in intercom, paging and telephone systems. The halogen-free thermoplastic jacket is flame retardant and will give off no corrosive or toxic gases in the case of fire. The tinned copper braid shield offers better protection against electrical interference for precise impulse transmissions. Not permitted for outdoor use or underground laying.



### Construction:

- Bare copper strands
- Strands to 7 x 0,30mm
- Halogen-free core insulation
- Simatic color code to DIN VDE-0815
- 4 pairs laid up to a unit
- Plastic foil separator
- 85% bare or tinned copper braid
- Halogen-free outer jacket - gray (RAL 7032)

### Technical:

- Working voltage: 225 volts
- Test voltage: 500/2000 volts
- Static bending radius: 7.5 x Ø
- Flexing temp: -5° C to +50° C
- Static temp: -30° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 100 MΩ x km

### Approvals:

- VDE-0815
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	PAIRS	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>20 AWG (7/28) 0,50mm<sup>2</sup></b>				
5182002	2	0.354" / 9.0mm	30	68
5182004	4	0.472" / 12.0mm	54	113
5182008	8	0.669" / 17.0mm	102	199
5182012	12	0.709" / 18.0mm	129	239
5182020	20	0.866" / 22.0mm	193	372
5182032	32	1.024" / 26.0mm	294	571
5182040	40	1.142" / 29.0mm	356	674

\* Additional sizes may be available.