

JE-LiYCY Shielded Industrial Cable



JE-LiYCY is a VDE approved, flexible, overall shielded, PVC 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 fixed installations in outer walls of buildings. Also suitable for connections in intercom, paging and telephone systems. The tinned copper braid shield offers better protection against electrical interference for precise impulse transmissions. Not permitted for outdoor use.



Construction:

- Bare copper strands
- Strands to 7 x 0,30mm
- Special PVC 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
- PVC outer jacket - gray (RAL 7032)

Technical:

- Working voltage: 225 volts
- Test voltage: 500/2000 volts
- Static bending radius: 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
20 AWG (7/28) 0,50mm²				
5082002	2	0.295" / 7.5mm	34	63
5082004	4	0.394" / 10.0mm	58	103
5082008	8	0.512" / 13.0mm	97	174
5082012	12	0.591" / 15.0mm	131	228
5082016	16	0.669" / 17.0mm	167	289
5082020	20	0.748" / 19.0mm	201	331
5082024	24	0.807" / 20.5mm	233	405
5082032	32	0.906" / 23.0mm	298	494
5082040	40	0.984" / 25.0mm	360	566

* Additional sizes may be available.