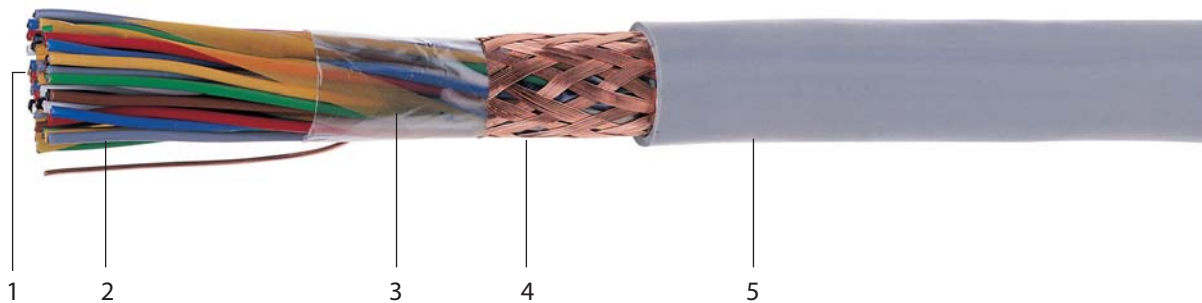


JE-LiYCY...Bd

1/2

PVC insulated, copper braid screened, unarmoured, PVC sheathed instrumentation cable acc. to VDE 0815


Construction

1. Conductors: bare stranded copper, flexible Cl. 2 acc. IEC 60228
2. Insulation: PVC
3. Tape wrapping
4. Overall screening: Copper wire braid
5. Outer sheath: PVC
Outer sheath color: Gray or blue or according to customer specification

Electrical Properties

Voltage rating (V)	225
Conductor cross section (mm ²)	0,5
Conductor resistance in loop @ 20°C (Ω/km)	78,4
Capacitance core/core (nF/km)	≤100 (+20% for cables up to 4 pairs)
Capacitance unbalance between pairs @ 800 Hz. (pF/100m)	≤200 (20% of measured values or min. one value may be <400)
Test voltage core/core (V _{ac})	500
Test voltage core/screen (V _{ac})	2000
Insulation resistance @ 20°C (MΩ*km)	≥100

Application conditions

Operating temperature	-30°C to +70°C
Laying temperature	-5°C to +50°C
Min. bending radius	7,5 x outer diameter

Fire behaviour

Fire propagation	IEC 60332-1
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Application

Transmission of analog and digital signals for indoor and outdoor applications.



JE-LiYCY...Bd

2/2

Number of pairs and size mm ²	Thickness of the outer sheath mm	Overall diameter approx. mm	Weight of cable approx. kg/km
1 x 4 x 0,5	1,0	7,5	80
4 x 2 x 0,5	1,0	10,5	130
8 x 2 x 0,5	1,0	12,0	200
12 x 2 x 0,5	1,2	14,0	285
16 x 2 x 0,5	1,2	15,5	350
20 x 2 x 0,5	1,2	17,0	435
24 x 2 x 0,5	1,4	19,5	490
32 x 2 x 0,5	1,4	21,0	615
40 x 2 x 0,5	1,4	23,0	795