

(N)YM(St)-J - Shielded sheathed cable



YSHIELD® (N)YM(St)-J

Wire count /cross section	Outer diameter	Weight
3 x 1.5 mm ²	10.5 mm	154 g/m
3 x 2.5 mm ²	12.0 mm	217 g/m
5 x 1.5 mm ²	12.0 mm	208 g/m
5 x 2.5 mm ²	13.5 mm	280 g/m

Application

Low priced shielded installation cables for the protection against low-frequency electric fields (LF). For installations over, up, in and under finery, in dry, moistens and wet areas, as well as in the brick-work and concrete. Also suitable for use outside, if protected against sun exposure. Excluded for direct imbedding in vibration, shaking and ramming concrete.

Technical data

- **Shielded PVC-sheathed cable** (Adapted to DIN VDE 0250 part 204/209)
- **PVC self-extinguishing and flame retardant** according to VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- CE = This product is conform with the EC Low-Voltage Directive 2006/95/EG
- Direct current resistance to DIN VDE 0295
- Operating temperature -40°C to +70°C, cabling temperature -5°C to +70°C
- Nominal voltage U₀/U: 300/500 V, current load according to VDE 0100
- Test procedures according to DIN VDE 0472, test ac voltage 50 Hz, 2000 V
- Bending radius according to DIN VDE 0298: 4 x D
- Radiation resistance: Up to 80x10⁶ cJ/kg (up to 80 Mrad)

Information on installing

Connect the **ground wiring of the junction box with the ground wiring of the cable** during installation! **Always connect green-yellow with green-yellow**, in no case connect it with the continuity wire! **Protect the bare continuity wire and the foil with insulating tube**. There must not be any conductive components in the junction box! Connect the shield connector = **continuity wire on one side to the earth circuit connector**. Do not use shielded and unshielded cables at the same time.

Construction

- 1 Solid copper conductor
- 2 Insulation: cross linked polyethylene
- 3 Common PVC core covering
- 4 (St)-Screen: Coated aluminium foil with 1.5 mm wire
- 5 PVC outer sheath

