

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



YSHIELD® (N)HXMH(St)-J

Wire count / cross section	Outer diameter	Weight	Calorific potential
3 x 1.5 mm ²	10.2 mm	148 g/m	0.43 kWh/m
3 x 2.5 mm ²	11.0 mm	187 g/m	0.50 kWh/m
5 x 1.5 mm ²	11.5 mm	196 g/m	0.58 kWh/m

Application

Shielded installation cables for the protection against low-frequency electric fields (LF). With improved properties in the event of fire. 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

- **No PVC because of halogen-free polymer mixture** (according to DIN VDE 0250 part 214)
- **Free of plasticizers for ecological constructions**
- Fire retardant according to EN 50266-2-4, EN 60332-1, IEC 60332-3 cat. C
- Nominal voltage U₀/U: 300/500 V, current load according to VDE 0100
- Construction according to DIN VDE 0250 part 204/209, marking according to DIN VDE 0293
- Test procedures according to DIN VDE 0472, test ac voltage 50 Hz, 3500 V
- Bending radius according to DIN VDE 0298: 4 x D
- Operating temperature -30°C to +70°C, cabling temperature -5°C to +70°C

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 conductor
- ② Insulation: cross linked polyethylene
- ③ Common inner covering
- ④ (St)-Screen: foil with 1.13 mm wire
- ⑤ Outer sheath: halogen free polymer compund;

