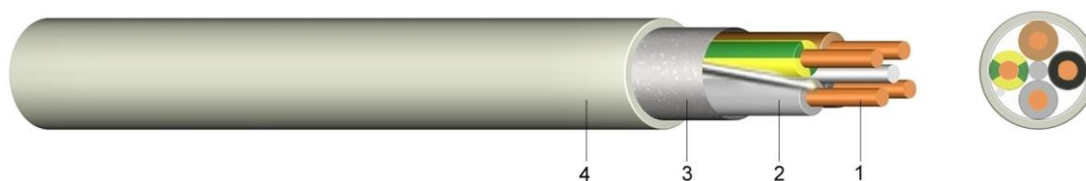




(N)YM(ST)-J PVC Sheathed Wire with Screen Bio Wire

Application:

Suitable where effective limitation of electro-magnetic interference fields is necessary, for installations in dry, humid and wet locations. Not suitable for laying directly open-air or in concrete. Not suitable in areas with explosion hazard.



Construction:

- 1 solid bare copper
- 2 polyvinylchloride (PVC) insulation
- 3 screen of plastic coated aluminium tape with tinned drain wire
- 4 polyvinylchloride (PVC) outer sheath, grey

Standards:

adapted to DIN VDE 250-204
 DIN EN 60228 Class 1 (construction)
 HD 308 S2 (core identification)

Technical data:

| | | | |
|-----------------------------------|---------------|-------------------|-----------------|
| Nominal voltage U ₀ /U | | [V] | 300 / 500 Volt |
| Test voltage | | [V] _{Ac} | 2000 |
| Temperature range | in motion | | +5°C till +70°C |
| Operating temperature | short circuit | °C | 160 |
| Short circuit time | max. | [sec] | 5 |
| Flammability | standard | | EN 60332-1-2 |

| Number of cores and nominal cross section mm ² | from stock | Copper figure kg/km | Cond. construction (appr. value) mm | Overall diameter appr. mm | Calorific potential kWh / m | Weight appr. kg / km |
|---|------------|---------------------|-------------------------------------|---------------------------|-----------------------------|----------------------|
| 3 x 1,5 / 1,5 | ● | 55 | 1 x 1,38 | 10,5 | 0,44 | 140 |
| 4 x 1,5 / 1,5 | ● | 68 | 1 x 1,38 | 11,5 | 0,53 | 188 |
| 5 x 1,5 / 1,5 | ● | 83 | 1 x 1,38 | 12,0 | 0,58 | 216 |
| 7 x 1,5 / 1,5 | ● | 113 | 1 x 1,38 | 13,0 | 0,67 | 263 |
| 3 x 2,5 / 1,5 | ● | 83 | 1 x 1,78 | 12,0 | 0,58 | 214 |
| 5 x 2,5 / 1,5 | ● | 133 | 1 x 1,78 | 13,5 | 0,75 | 300 |