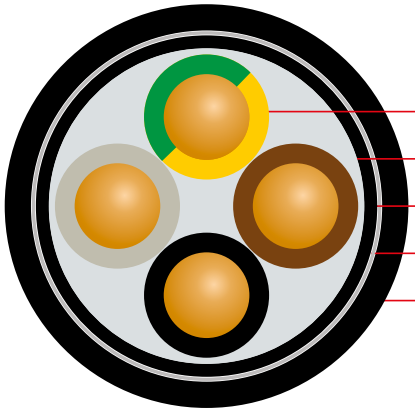
# NYYSYö-FR-O/J 0.6/1 kV

**in resemblance VDE 0276-603**




| No. of cores and cross section | | Diameter approx. mm | Cable weight approx. kg/km | Copper index kg/km |
|---|---|---|---|---|
| 2 x 1.5 | RE | 11.0 | 335 | 29 |
| 3 x 1.5 | RE | 11.5 | 365 | 43 |
| 3 x 2.5 | RE | 12.5 | 432 | 72 |
| 4 x 1.5 | RE | 12.0 | 405 | 58 |
| 5 x 1.5 | RE | 13.0 | 469 | 72 |
| 5 x 2.5 | RE | 14.5 | 590 | 120 |
| 7 x 1.5 | RE | 15.5 | 540 | 168 |
| 10 x 1.5 | RE | 18.0 | 625 | 240 |

## APPLICATION

Power cables for energy supply are installed outdoors, underground, in water, in concrete, indoors, in cable ducts, in power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damage is not to be expected. Resistant to impact of oils.

## CONSTRUCTION

**Conductor:** copper, bare, single-wire or multi-wire
**Core insulation:** PVC acc. to VDE 0207
**Core identification:** colours acc. to DIN VDE 0293
**Core stranding:** cores twisted to layers
**Sheath:** PVC
**Armouring:** galvanized steel wire braid (Ø 0.2 mm); optical coverage approx. 80 %
**Outer sheath:** PVC-FR; oil-resistant acc. DIN EN 60811-404, VDE 0473-811-404 edition 2012; colour: black

## BEHAVIOUR UNDER FIRE CONDITIONS

Fire retardant: IEC 60332-3-22 / 24, DIN EN 60332-3-22 / 24
Low smoke and fume

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| Nominal voltage $U_0$ / U | 0.6/1 kV |
| Test voltage | 4 kV |

## THERMAL & MECHANICAL PROPERTIES

| | |
|---|---|
| Temperature range during installation | -5°C to +50°C |
| Temperature range stationary | -40°C to +70°C |
| Bending radius stationary | 15 x diameter |

## CONDUCTOR TYPES

(acc. to DIN VDE 0295)
RE round, single wire

Subject to changes due to technical progress and error

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