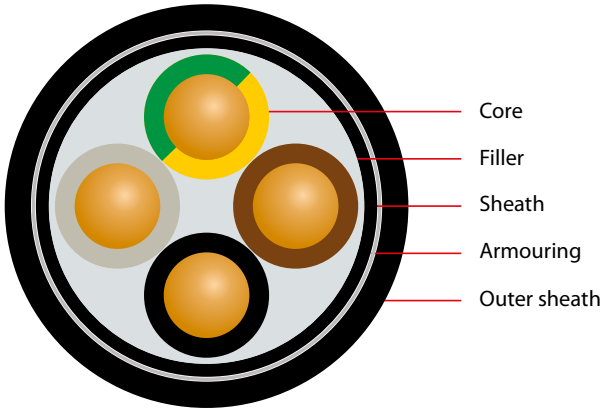
NYYSYö-FR-O/J 0.6/1 kV

in resemblance VDE 0276-603



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 60332-3-24, DIN EN 60332-3-24
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

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

Subject to changes due to technical progress and error

T.K. Kabel oHG · Geschwister-Scholl-Straße 11 · 71384 Weinstadt
Phone +49 (0) 7151/60 68 70 · Fax +49 (0) 7151/60 91 00 · info@tk-kabel.de · www.tk-kabel.de