

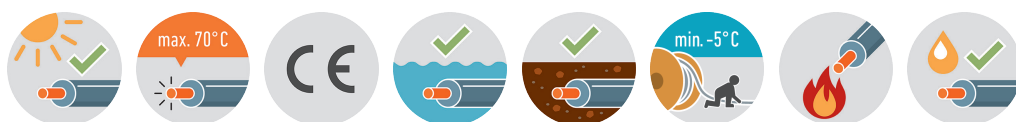
Power cable (N)YYoek-J



Application: For fixed installation indoors and outdoors, also for direct burial in the the ground. Preferably for power supply and control of oil and fuel pumps, dispensing pumps and similar systems. The resistance to oil and fuel is proofed by BAM-test report VI. 34/10389/96 and tests according to VDE 0472 p. 803, test B. (BAM = Federal Institute for Materials Research and Testing)

Construction and technical data:

Conductor material:	copper, bare
Insulation:	PVC YI4
Sheathing material:	PVC YM3
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
For outdoor use:	yes
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

(N)YYoek-J

Nominal voltage U₀:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	4 kV
Protective conductor:	yes

part no.	part name		RI [Ohm/km]	I _{bl} [A]	I _{be} [A]	I _k [kA]	L _b [mH/km]	R _{bv} [mm]	Ø [mm]	F _{zv} [N]	Cu	G [kg]
011125	3X1.5 BK	RE	12.1	19	27	0.17	0.343	135.6	11.3	225	43	190
011126	5X1.5 BK	RE	12.1	19	27	0.17	0.375	159.6	13.3	375	72	270
011127	7X1.5 BK	RE	12.1	19	27	0.17		171.6	14.3	525	101	300

RI	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ibe	Ampacity in ground (20 °C)
Ik	Short-circuit current (1 s)
Lb	Specific inductivity
Rbv	Bending radius, fixed installation
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Cu	Copper weight (GER)
G	net weight per 1000