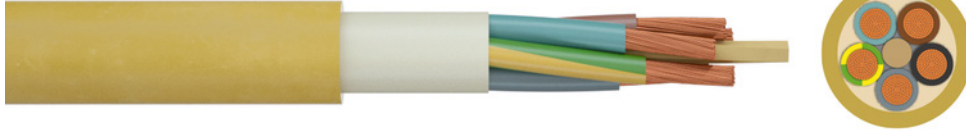


Rubber cable (N)SSHOEU



Application: Rubber-sheathed flexible cables for mining and tunneling application, under heavy mechanical stress. Suitable for laying alongside conveyor belts and tunnel walls, on material handling equipment, e.g. as connection between upper and lower cars, and on movable equipment. The cables can be used indoors as well as outdoors, in explosion-hazard areas, in industry and in agriculture. The cables are water resistant up to 10 m water depth. However, the water temperature must not rise above 40 °C.

Construction and technical data:

Standard:	VDE 0250-812 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	basic EPR
Material inner sheath:	EPR
Torsion:	+/- 100 °/m
Sheathing material:	rubber (CPE)
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	yes
Ozone-resistant:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-25 - +60 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	5 x Ø
Maximum tensile strength at the conductor:	15 N/mm ²



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)SSHOEU-J

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	3 kV
Protective conductor:	yes

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	Cu	G [kg]
053259	04X1.5	13.3	23	12.6	58	200
053260	04x4	4.95	41	14.6	154	328
052910	05X10	1.91	74	21	480	800
052911	05X16	1.21	99	24.8	768	1187
052912	05X25	0.78	131	31	1200	1783

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000