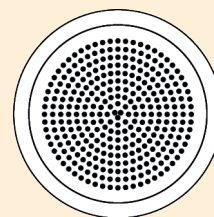
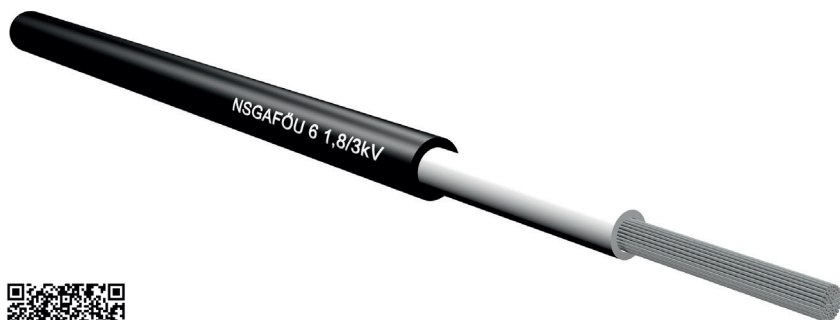


NSGAFÖU

Rubber insulated wire 1.8/3kV

RoHS

CROSS SECTION



Acc. to VDE 0250 part 602

APPLICATION

For use in rail vehicles and buses, as well as in dry rooms. The cables are short-circuit and earth leakage proof up to 1000 V in switchgears and terminal blocks and can be used with a nominal voltage of U0/U 1.8/3 kV according to DIN VDE 0100 part 520, including for unsecured connections. They are used in dry rooms, tubes and sealed installation ducts, as well as to connect moving parts.

STRUCTURE

Conductor	Tin-plated copper conductor, flexible (class 5) according to DIN VDE 0295 and IEC 60228 cl. 5, HD 383
Cores	Insulation made from rubber 3GI3, halogen free
Outer sheath	Rubber 5GM5

SPECIAL FEATURES

Properties
Ozone resistant

Sheath colour
Black

TECHNICAL DATA

Nominal voltage	1800 V/3000 V
Test voltage	6000 V
Operating temperature	+90°C
Max. operating temperature	+100°C
Min. installation temperature	-25°C
Max. installation temperature	+80°C
Min. bending radius	Approx. 5 x cable diameter

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
NSGAFÖU 1.5 mm ² 3 kV	14.4	7.0	60	1052001
NSGAFÖU 2.5 mm ² 3 kV	24.0	7.5	70	1052002
NSGAFÖU 4.0 mm ² 3 kV	38.0	9.0	90	1052003
NSGAFÖU 6.0 mm ² 3 kV	58.0	9.5	120	1052004
NSGAFÖU 10 mm ² 3 kV	96.0	11.0	180	1052005
NSGAFÖU 16 mm ² 3 kV	154.0	13.0	250	1052006
NSGAFÖU 25 mm ² 3 kV	240.0	15.0	390	1052007
NSGAFÖU 35 mm ² 3 kV	336.0	16.5	470	1052008
NSGAFÖU 50 mm ² 3 kV	480.0	18.0	625	1052009
NSGAFÖU 70 mm ² 3 kV	672.0	20.5	880	1052010
NSGAFÖU 95 mm ² 3 kV	912.0	24.0	1,190	1052011
NSGAFÖU 120 mm ² 3 kV	1152.0	26.0	1,430	1052012
NSGAFÖU 150 mm ² 3 kV	1440.0	28.0	1,750	1052013
NSGAFÖU 185 mm ² 3 kV	1776.0	31.0	2,160	1052014
NSGAFÖU 240 mm ² 3 kV	2304.0	34.5	2,534	1052015
NSGAFÖU 300 mm ² 3 kV	2880.0	38.0	3,178	1052016