

NSGAFÖU 3,6/6kV

Rubber insulated, halogen free, flame retardant and UV resistant medium voltage cable



Application

This wire is designed for application in dry rooms, busses and rail born vehicles. If used in distribution or switching appliances the wire is considered to be short circuit proof. It is resistant against most oils and grease.

Construction

Conductor	: Class 5 fine stranded tinned copper wire
Insulation	: ERP, rubber 3GI3, halogen free
Sheathing	: CR, rubber 5GM5
Voltage rating Uo/U	: 3,6kV / 6kV
Test voltage	: 11kV

Outer Sheath Colours

Available colours	: Black
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Installation recommendations

Min. Bending radius fixed installation	: See table Range and Dimensions
Max. Operating temperature fixed	: -40°C - +80°C
Min. Installation temperature	: -25°C - +80°C

Standards applied

VDE 0250 T. 602	
VDE 0482-332-1-2	Flame retardant
IEC 60332-1-2	

NSGAFÖU 1,8/3kV

Range and Dimensions

Article Code	Nominal cross sectional area mm ²	Diameter of conductor mm	Conductor resistance Ohms/km	Ampacity in air at 30°C A	Bending radius		Outer diameter mm	Weight of the cable kg/km
					Moved application mm	Fixed installation mm		
E9101C150EAKBK14	150	19.0	0.132	546	305	183	30.5	1690
E9101C185EAKBK14	185	21.0	0.108	622	331	199	33.1	2225

Note:

Subject to change without prior notice. Nominal diameter can have a tolerance of -5% or +5%.

Ampacity in air at 30°C – current rating for installation in free air with distance to wall and next cable > acc. to VDE 0298-4 table 15 col. 2.

NOTICE

Incore Cables has endeavored to ensure the accuracy of the data in this publication, however we cannot be liable for the consequences of errors or omissions. All data is subject to change without notice. The installer and/or user assumes all liability for the consequences of the installation and/or use of any of our products in contravention of any applicable law, regulation or code.

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