

Power cable < 1 kV, for flexible applications Bouwflex NSGAFOU



Application	: For fixed laying in rail vehicles and buses as well as in dry rooms, in pipes and closed installation canals. Suitable for connecting of flexible units.
TECHNICAL DATA	: TYPE NSGAFOU
Remarks	: Cables with 3 kV operating voltage in low voltage facilities up to 1000 V are classified as short circuit and earth leakage protected connection.
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Rubber - ethylene propylene rubber (EPR)
Protective conductor	: No
Core identification	: Colour
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: None
Flame retardant	: In accordance with EN 60332-1-2
Material outer sheath	: Rubber - ethylene propylene rubber (EPR)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: No
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Permitted cable outer temperature during assembling/handling	: -30°C to 60°C
Permitted cable outer temperature after assembling without vibration	: 40°C to 80°C
Max. conductor temperature	: 90°C
Nominal voltage U0	: 1800V
Core protecton	: No
Nominal voltage U	: 3000V
Conductor surface	: Bare
Specification core insulation	: Rubber - ethylene propylene rubber (EPR)
	: Yes
Specification material outer sheath	: Polychloroprene (PCP)



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Shape of conductor : Round
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ProductNr	Dimension	Outer diameter approx. (mm)	(Ohm/km)
0135508	1 x 35	12.8	0.554
0135509	1 x 50	14.3	0.386