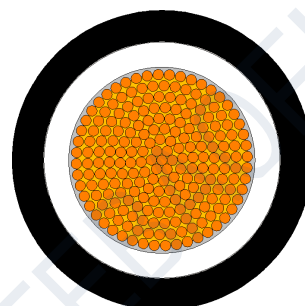




NSGAFOEU / NSHXAFOE

Medium voltage single core cable

Voltage rating: 1.8/3 kV and 3.6/6 kV.



APPLICATION

Designed for fixed installation in track-bound vehicles and buses, in pipes and closed installation ducts, and for connection of mobile parts. 3 kV-rated cables can be used in low-voltage switchboards to ensure inherently short-circuit and earth-fault proof connections.

CONSTRUCTION

Component	Description
Conductor	Stranded tinned copper conductor, class 5 according to DIN VDE 0295 / IEC 60228
Inner conductor layer	Semi-conducting layer for 6 kV
Insulation	EPR compound type 3GI3 / 3GJ3
Optional screen	Tinned copper wires for NSGAFCMOEU / NSHXAFCMOE
Outer sheath	Chlorinated rubber type 5GM3, oil-resistant and flame-retardant; halogen-free polymer compound HM3 for halogen-free version

STANDARDS

Cable type	Standard
NSGAFOEU / NSGAFCMOEU	DIN VDE 0250 Part 602
NSHXAFOE / NSHXAFCMOE	DIN VDE 0250 Part 606

TECHNICAL DATA

DIMENSIONS AND WEIGHT

NSGAFOEU / NSHXAF0E 1.8/3 kV

Nominal cross-section (No. x mm ²)	Min. OD (mm)	Max. OD (mm)	Weight (kg/km)
1x1.5	5.7	7.0	50
1x2.5	6.0	7.5	60
1x4	6.8	9.0	80
1x6	7.3	9.5	100
1x10	8.7	11.0	160
1x16	10.0	13.0	230
1x25	12.4	15.0	340
1x35	13.4	16.5	430
1x50	14.9	18.0	580
1x70	16.6	20.5	780
1x95	19.3	24.0	1030
1x120	20.8	26.0	1270
1x150	23.0	28.0	1570
1x185	25.2	31.0	1900
1x240	28.1	34.5	2500
1x300	30.8	38.0	3000
1x400	40.0	34.6	4000

NSGAFOEU / NSHXAF0E 3.6/6 kV

Nominal cross-section (No. x mm ²)	Min. OD (mm)	Max. OD (mm)	Weight (kg/km)
1x1.5	8.3	9.5	135
1x2.5	8.6	10.5	150
1x4	9.4	12.0	170
1x6	9.9	13.0	200
1x10	10.9	14.5	250
1x16	12.6	15.5	350
1x25	14.5	17.5	480
1x35	15.6	19.0	600
1x50	17.1	21.0	760
1x70	18.8	23.0	960
1x95	21.3	26.5	1240
1x120	23.2	28.5	1530
1x150	25.0	30.5	1790
1x185	26.8	33.0	2130

NSGAFCMOEU / NSHXAFCMOE 3.6/6 kV

Nominal cross-section (No. x mm ²)	Nominal OD (mm)	Weight (kg/km)
1x185	38.5	3060

CERTIFICATIONS



TEBAOFLEX CABLE