



conductor material:	tinned copper / bare copper
conductor construction:	fine stranded, class 5
insulation:	rubber (EPR) 3GI3, halogen-free
max. temperature at conductor:	90°C
sheathing material:	halogen free compound HM3
halogen free:	DIN EN 50267/IEC 60754
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
oil resistant acc. To EN 60811-2-1:	yes
max. operating temperature, fixed:	-40 up to 70°C
temperature, moved/during installation:	-25 up to 70°C

nominal voltage U₀/U:	NSHXAFö 1,8/3 kV
test voltage:	6 kV
Halogen free version in 3,6/6kV on request	

Application: This insulated wire is designed for application in busses and railborn vehicles. If used in distribution or switching appliances up to 1000 V, it is considered to be short circuit proof. The cable is halogen-free, flame-retardant and resistant against most oils and grease.

*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.*



SPEZIALKABEL / SPEZIALLEITUNGEN

NSHXAFö 1,8/3kV

halogen free

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²		OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
0160015	NSHXAFö 1 x 1,5	1,8/3 kV	7,0	14,4	60
0160025	NSHXAFö 1 x 2,5	1,8/3 kV	7,5	24	70
0160040	NSHXAFö 1 x 4	1,8/3 kV	9,0	38,4	85
0160060	NSHXAFö 1 x 6	1,8/3 kV	9,5	57,6	110
0160100	NSHXAFö 1 x 10	1,8/3 kV	11,0	96	160
0160160	NSHXAFö 1 x 16	1,8/3 kV	13,0	153,6	240
0160250	NSHXAFö 1 x 25	1,8/3 kV	15,0	240	365
0160350	NSHXAFö 1 x 35	1,8/3 kV	16,5	336	494
0160500	NSHXAFö 1 x 50	1,8/3 kV	18,0	480	656
0160700	NSHXAFö 1 x 70	1,8/3 kV	20,5	672	880
0160950	NSHXAFö 1 x 95	1,8/3 kV	24,0	912	1090
0161200	NSHXAFö 1 x 120	1,8/3 kV	25,1	1152	1340
0161500	NSHXAFö 1 x 150	1,8/3 kV	28,0	1440	1640
0161850	NSHXAFö 1 x 185	1,8/3 kV	31,0	1776	2160
0162400	NSHXAFö 1 x 240	1,8/3 kV	34,5	2304	2570
0163000	NSHXAFö 1 x 300	1,8/3 kV	38,0	2890	3470
0164000	(N)SHXAFö 1 x 400	1,8/3 kV	40,1	3840	4180
0165000	(N)SHXAFö 1 x 500	1,8/3 kV	42,1	4800	5860
0160015S	NSHXAFö 1 x 1,5	3,6/6 kV	6,0	14,4	55
0160025S	NSHXAFö 1 x 2,5	3,6/6 kV	6,5	24	70
0160040S	NSHXAFö 1 x 4	3,6/6 kV	7,5	38	90
0160060S	NSHXAFö 1 x 6	3,6/6 kV	8,0	58	120
0160100S	NSHXAFö 1 x 10	3,6/6 kV	9,5	96	170
0160160S	NSHXAFö 1 x 16	3,6/6 kV	11,0	154	250
0160250S	NSHXAFö 1 x 25	3,6/6 kV	13,0	240	380
0160350S	NSHXAFö 1 x 35	3,6/6 kV	14,5	336	480
0160500S	NSHXAFö 1 x 50	3,6/6 kV	16,0	480	650
0160700S	NSHXAFö 1 x 70	3,6/6 kV	18,0	672	870
0160950S	NSHXAFö 1 x 95	3,6/6 kV	21,0	912	1150
0161200S	NSHXAFö 1 x 120	3,6/6 kV	23,0	1152	1400
0161500S	NSHXAFö 1 x 150	3,6/6 kV	25,0	1440	1700
0161850S	NSHXAFö 1 x 185	3,6/6 kV	27,5	1776	2100
0162400S	NSHXAFö 1 x 240	3,6/6 kV	30,0	2304	2700