

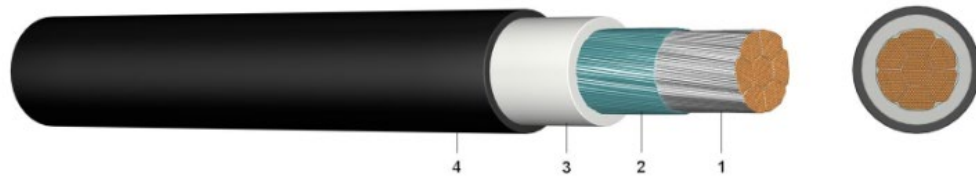
## NSHXAFÖ E<sub>ca</sub>

Rubber-sheathed flexible single core, 1,8/3 kV  
+90 °C service temperature, single core, zero halogen  
DIN VDE 0250 - 606 and EN 50575

### Application

Zero halogen, rubber sheathed, flexible single core for wiring of machines, tools, devices, appliances and control cabinets for use in railway vehicles and buses. It can be used for short circuit-proof and short-to-ground-proof installations up to 1 kV. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment.

### Construction



- |                  |   |
|------------------|---|
| 1. Conductor:    | Copper conductor, tinned, flexible, (class 5) |
| 2. Separator:    | Film (optional)                               |
| 3. Insulation:   | EPR   |
| 4. Outer sheath: | Zero halogen compound, black                  |

### Technical information

Rated voltage	U <sub>0</sub> /U	1,8/3 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Min. operating temperature	fixed installation	-40 °C
	flexible use	-25 °C
Min. bending radius mm	fixed installation	6 x outer diameter in mm
	flexible use	10 x outer diameter in mm

### Safety parameters

Reaction to fire		EN 50399 E <sub>ca</sub>
Flame spread	single cable	EN 60332-1-2
Zero halogen		IEC 60754-2
Smoke density		IEC 61034-1/ -2

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N° of cores and cross section mm <sup>2</sup>	Outer diameter approx. mm	Weight approx. kg/km
1 x 1,5	7,0	60
1 x 2,5	7,5	70
1 x 4	9,0	85
1 x 6	9,5	110
1 x 10	11,0	160
1 x 16	13,0	240
1 x 25	15,0	365
1 x 35	16,5	494
1 x 50	18,0	656
1 x 70	20,5	880
1 x 95	24,0	1090
1 x 120	26,0	1340
1 x 150	28,0	1640
1 x 185	31,0	2160
1 x 240	34,5	2570
1 x 300	38,0	3470

La version française de cette fiche technique est disponible sur demande.  
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.