

Screened rubber cable FABER[®] 9GKW-SC PLUS



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: This insulated wire is designed for application in busses and rail-borne 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 to most oils and grease.

Construction and technical data:

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|--|--|
| Conductor material: | tinned copper |
| Conductor construction: | Class 5 = flexible |
| Insulation: | cross-linked polyolefin-copolymer |
| Sheathing material: | cross-linked rubber blend |
| Flame-retardant: | VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C) |
| Smoke density: | DIN EN 61034/IEC 61034 |
| Halogen-free: | DIN EN 50267/IEC 60754 |
| Oil-resistant: | EN 60811-404 |
| Ozone-resistant: | DIN EN 60811-2-1(A) |
| Max. temperature at conductor, °C: | 90 °C |
| Permitted outer cable temperature, fixed, °C: | -60 - +90 °C |
| Permitted outer cable temperature, moved, °C: | -35 - +90 °C |
| Bending radius, fixed installation: | 4 x Ø |
| Bending radius, moving application: | 6 x Ø |



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.

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|---------------------------------------|--------|
| Nominal voltage U_o: | 3.6 kV |
| Nominal voltage U: | 6 kV |
| Test voltage: | 11 kV |

| part no. | part name | RI [Ohm/km] | I _{bl} [A] | I _k [kA] | Ø [mm] | F _{zv} [N] | Cu [kg/km] | G [kg] |
|----------|-----------|-------------|---------------------|---------------------|--------|---------------------|------------|--------|
| 040849 | 01X2.5 BK | 8.21 | 45 | 0.305 | 4.9 | 38 | 24 | 47 |
| 040848 | 01X4 BK | 5.09 | 60 | 0.488 | 5.7 | 60 | 38,4 | 68 |

| part no. | part name | RI [Ohm/km] | Ibl [A] | Ik [kA] | Ø [mm] | Fzv [N] | Cu [kg/km] | G [kg] |
|----------|-----------|-------------|---------|---------|--------|---------|------------|--------|
| 040850 | 01X6 BK | 3.39 | 76 | 0.732 | 6.3 | 90 | 58 | 91 |
| 040853 | 01X10 BK | 1.95 | 107 | 1.22 | 7.5 | 150 | 96 | 141 |
| 040851 | 01X25 BK | 0.795 | 195 | 3.05 | 10.9 | 375 | 240 | 297 |
| 040874 | 01X95 BK | 0.21 | 464 | 11.6 | 18.3 | 1425 | 912 | 1003 |
| 040854 | 01X185 BK | 0.108 | 719 | 22.6 | 24.6 | 2775 | 1776 | 1848 |
| 040846 | 01X240 BK | 0.0817 | 845 | 29.3 | 27.6 | 3600 | 2304 | 2570 |

| | |
|-----|--|
| RI | Conductor resistance |
| Ibl | Ampacity in air (30 °C) |
| Ik | Short-circuit current (1 s) |
| Ø | outer diameter approx. |
| Fzv | Tensile strength (during installation) |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |