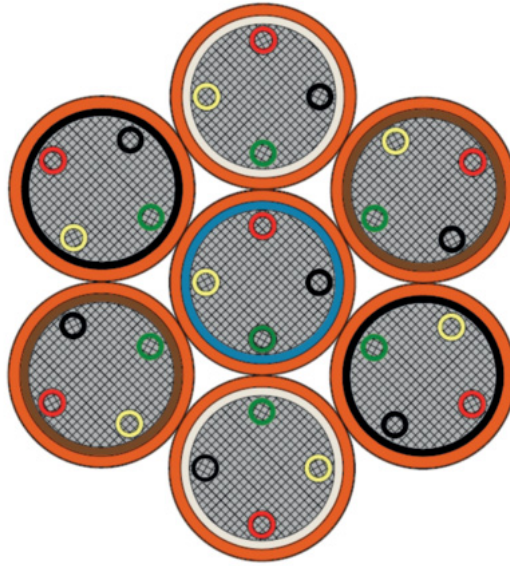


# 400 Hz Ground Power

## GP 400 7F

400 Hz Ground Power supply cable - SevenFlex

for flexible application



**Application:** Symmetrical cable with high flexibility. Minimum bending radius (easy to coil even in tight spaces) and high quality electrical performance (low voltage drop and low voltage unbalance). Can be used in long lengths.

### Construction:

<b>Conductor:</b>	tinned copper strands
<b>Isolierhülle:</b>	SABIX®
<b>Colour code:</b>	control cores: red, black, green, yellow power supply core: red
<b>Stranding:</b>	control cores within the power supply core
<b>Sheath material:</b>	PUR
<b>Sheath colour:</b>	orange
<b>Stranding:</b>	openly stranded
<b>Marking:</b>	SAB BRÖCKSKES · D-VIERSEN · Special GP 400 35,0mm <sup>2</sup> +4x1,0mm <sup>2</sup> 3400-9006 CE and current meter marking

### Technical Data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV
<b>Testing voltage:</b>	core/core 4000 V AC
<b>Min. bending radius</b>	
fixed laying:	4 x d
flexible application:	6 x d
<b>Temperature range</b>	
fixed laying:	-50/+90 °C
flexible application:	-40/+90 °C
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union

### Outstanding features:



- low capacity insulation
- abrasion-resistant PUR sheath
- control cores symmetrically arranged inside power supply core
- cold flexible
- halogen-free
- oil resistant
- weather resistant

Item. no	no. of cores x cross section n x mm <sup>2</sup>	outer-Ø approx. mm	copper figure kg/km	cable weight ≈ kg/km	DC resistance at 20°C max. Ω/km	voltage drop [mV/(A*m)]
34009006	7 x (35,0 mm <sup>2</sup> + 4 x 1,0 mm <sup>2</sup> )	40,2	2654,4	2969,2	35,0 mm <sup>2</sup> : 0,554 1,0 mm <sup>2</sup> : 19,5	35,0 mm <sup>2</sup> : 1,108 1,0 mm <sup>2</sup> : 39,0

Other dimensions and colours are possible on request.