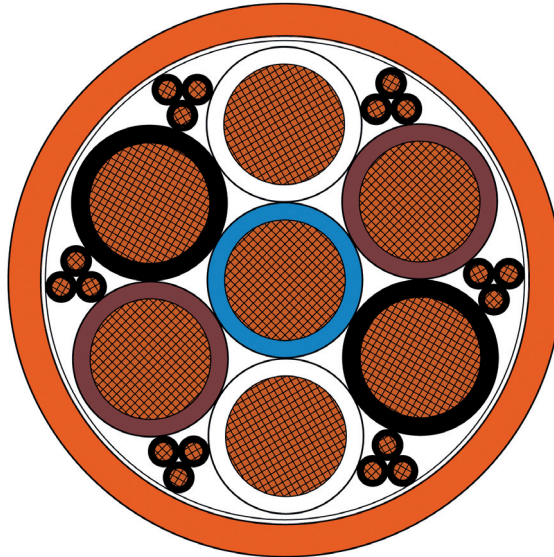


# Reeling, Lift, & Specialty Cables

## GP 400 SF

400 Hz Ground Power Supply Cable - SymmetricalFlex

for flexible application



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**Application:** For use as fixed cable with particularly good laying ability or for flexible use without high mechanical stress, e.g. in slow moving drag chains on passenger boarding bridges. Optimized flexibility due to flexible core and jacket materials, thus easy installation and easy handling in the cable dispenser. Depending on the operating conditions, it can also be used as a direct supply line to the aircraft with a connector.

### Construction:

<b>Conductor:</b>	bare copper strands
<b>Insulation:</b>	SABIX®
<b>Color code:</b>	control conductors: black with numbers 1 - 18 neutral conductor: blue phase conductor: white, brown, black (two conductors of the same color for the phase)
<b>Stranding:</b>	Phase conductors concentrically around neutral core, control cores as tripple in the interstices, triple wrapped with non-woven tape, all elements twisted in specially adjusted layers, non-woven tape overlapping wrapped
<b>Jacket material:</b>	special compound
<b>Jacket color:</b>	orange
<b>Marking:</b>	SAB BRÖCKSKES · D-VIERSEN · GP 400 SF 7x35.0mm <sup>2</sup> +6x3x1.0mm <sup>2</sup> 34007223 CE and current meter marking

### Technical data:

<b>Nominal voltage:</b>	Uo/U 0.6/1 kV
<b>Testing voltage:</b>	conductor/conductor: 4000 V AC
<b>Min. bending radius:</b>	
fixed installation:	4 x O.D
flexible application:	6 x O.D
<b>Temperature range:</b>	
static:	-40/+70°C
flexible:	-20/+70°C
<b>Approvals:</b>	CE, EAC, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

### Outstanding features:



- low capacity insulation
- very smooth handling
- also usable as a supply cable directly on the aircraft
- very good installation in the smallest possible space

Also available with 24 control conductors

item no.	AWG/c	outer-ø		cable weight ≈lbs/mft	DC resistance at 20°C max. Ω/km	voltage drop [mV/(A*m)]
		inch	mm			
▶ 34007123	7 x 4 AWG + (6x3 x 18 AWG)	1.276	32.4	1509	4 AWG: 0.780 18 AWG: 19.500	4 AWG: 1.560 18 AWG: 39.0
▶ 34007223	7 x 2 AWG + (6x3 x 18 AWG)	1.661	42.2	1972	2 AWG: 0.544 18 AWG: 19.500	2 AWG: 1.108 18 AWG: 39.0

Other dimensions and colors are available on request

