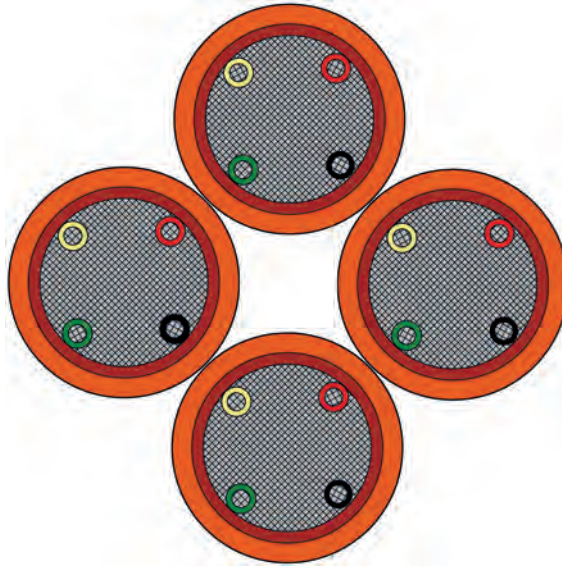


# Airport Equipment Cables

## GP 400 QF

400 Hz Ground Power Supply Cable - QuadFlex

for flexible application



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**Application:** For use in flexible applications, e.g. on mobile generators, in cable dispensers in the ground or on the passenger bridge.

### Construction:

<b>Conductor:</b>	tinned copper strands
<b>Insulation:</b>	SABIX®
<b>Color code:</b>	control conductors: red, black, green, yellow power conductor: red
<b>Stranding:</b>	control conductors within the power supply conductor
<b>Jacket material:</b>	PUR
<b>Jacket color:</b>	orange
<b>Stranding:</b>	openly stranded
<b>Marking:</b>	SAB BRÖCKSKES · D-VIERSEN · GP 400 QF 4x(50mm <sup>2</sup> +4x1.0mm <sup>2</sup> ) 34004321 L1 resp. L2 resp. L3 resp. N CE and current meter marking

### Technical data:

<b>Nominal voltage:</b>	U <sub>o</sub> /U 115/200 V
<b>Max. permissible operating voltage*:</b>	U <sub>o</sub> /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:	-50/+90°C
flexible*:	-40/+90°C
short-term use:	+110°C (7,500 h)
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Oil resistance:</b>	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Weather resistance:</b>	very good
<b>Approvals:</b>	CE, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

\* using all wires on one potential

### Outstanding features:

- low capacity insulation
- abrasion-resistant PUR jacket
- control conductors symmetrically arranged inside power supply conductor
- cold flexible
- halogen-free
- oil resistant
- weather resistant

item no.	AWG/c	outer-ø		cable weight ≈lbs/mft	DC resistance at 20°C max. Ω/km		voltage drop [mV/(A*m)]	
		approx. inch	approx. mm		2 AWG:	18 AWG:	2 AWG:	18 AWG:
▶ 34004321	4 x (2 AWG + 4 x 18 AWG)	1.476	37.5	1613	0.393	20.000	0.786	40.0
▶ 34004421	4 x (2/0 AWG + 4 x 18 AWG)	1.673	42.5	2193	0.277	20.000	0.554	40.0

Other dimensions and colors are available on request