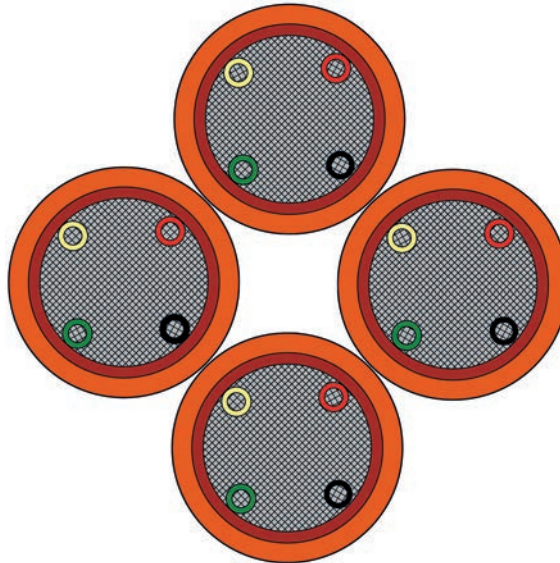


Airport Equipment Cables

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:

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

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

Technical data:

Nominal voltage:	U _o /U 115/200 V
Max. permissible operating voltage*:	U _o /U 0.6/1 kV
Testing voltage:	conductor/conductor: 4000 V AC
Min. bending radius:	
<i>fixed installation:</i>	4 x O.D
<i>flexible application:</i>	6 x O.D
Temperature range:	
<i>static:</i>	-50/+90°C
<i>flexible*:</i>	-40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Weather resistance:	very good
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

* using all wires on one potential

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		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