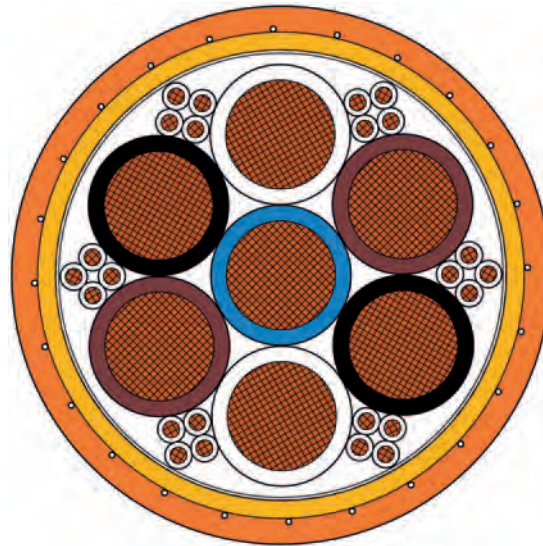


# Airport Equipment Cables

## GP 400 SF DR

400 Hz Ground Power supply cable - SymmetricalFlex Drum

for reeling application



D  
35

**Application:** For use as a reeling cable on motor or spring-driven cable reels in 400 Hz power systems.

### Construction:

<b>Conductor:</b>	bare copper strands
<b>Insulation:</b>	SABIX®
<b>Color code:</b>	control conductors: black with numbers 1 - 24 neutral conductor: blue phase conductor: white, brown, black (two conductors of the same color for the phase)
<b>Stranding:</b>	phase conductors concentrically around the neutral conductor, control conductor as triple in the interstices
<b>Inner jacket:</b>	PUR, yellow (RAL 1021)
<b>Supporting screen:</b>	Aramid
<b>Jacket material:</b>	PUR
<b>Jacket color:</b>	orange
<b>Marking:</b>	SAB BRÖCKSKES · D-VIERSEN · GP 400 SF DR 7x35.0mm <sup>2</sup> +6x4x1.0mm <sup>2</sup> 3400-7244 €€ and current meter marking

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0.6/1 kV
<b>Testing voltage:</b>	conductor/conductor: 4000 V AC
<b>Min. bending radius:</b>	
<i>fixed installation:</i>	4 x O.D
<i>for repeated winding action:</i>	7.5 x O.D
<i>guided on deflection pulleys:</i>	10 x O.D
<b>Temperature range:</b>	
<i>static:</i>	-50/+90°C
<i>flexible:</i>	-40/+90°C
<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, 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
- reelable
- high abrasion resistance
- weather resistant
- oil and chemical resistant
- halogen-free

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		4/0 AWG:	18 AWG:	
▶ 34001621	4/0 AWG/ 1c + 18 AWG/ 4c	0.874	22.2	894	0.164	20.000	0.328 40.0

Other dimensions and colors are available on request