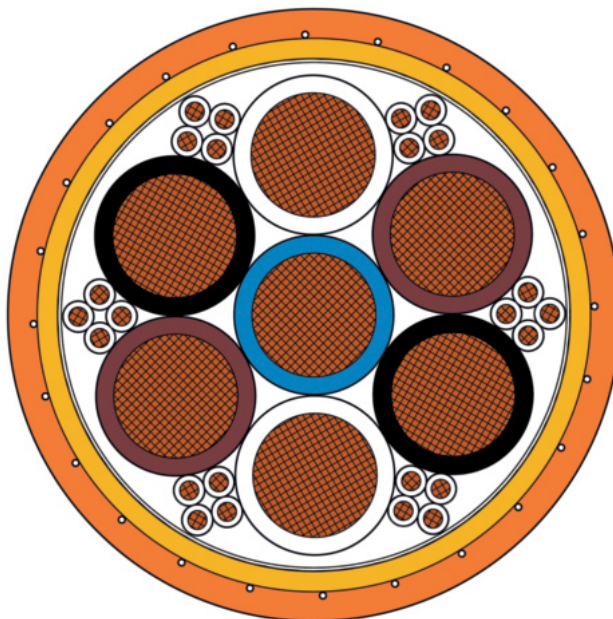


400 Hz Ground Power

for reeling
application

GP 400 SF DR

400 Hz Ground Power supply cable - SymmetricalFlex Drum



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

Construction:

Conductor:	bare copper strands
Insulation:	SABIX®
Colour code:	control cores: white with numbers 1-24 neutral core: blue phase core: white, brown, black (two cores of the same colour form the phase)
Stranding:	phase conductors concentrically around neutral core, control cores as a quad in the interstices
Inner sheath:	PUR, rape yellow
Supporting screen:	Aramid
Sheath material:	PUR
Sheath colour:	orange
Marking:	SAB BRÖCKSKES · D-VIERSEN · GP 400 SF DR 7x35,0mm ² +6x4x1,0mm ² 3400-7244 CE and current meter marking

Technical Data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Testing voltage:	core/core 4000 V AC
Min. bending radius	
fixed laying:	4 x d
for repeated winding action:	7,5 x d
guided on deflection pulleys:	10 x d
Temperature range	
fixed laying:	-50/+90 °C
flexible application:	-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
Absence of harmful substances:	acc. to RoHS directive of the European Union

Outstanding features:

- low capacity insulation
- reelable
- high abrasion resistance
- weather resistant
- oil- and chemical resistant
- halogen-free

Item. no	no. of cores x cross section n x mm ²	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)]
34007244	7 x 35,0 mm ² + 6 x 4 x 1,0 mm ²	41,4	2582,4	3380	35,0 mm ² : 0,554 1,0 mm ² : 19,5	35,0 mm ² : 1,108 1,0 mm ² : 39,0

Other dimensions and colours are possible on request.