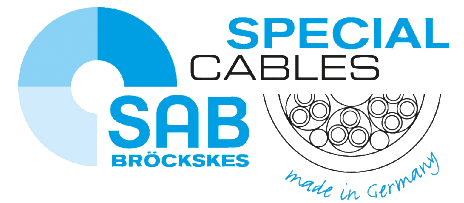


CABLE SPECIFICATION



item number	
construction number	L0720-115-005-00-007
type	Special DR 720 P Highflex
dimension	25 G 2,5 mm ² + 5 x (1,5 mm ²)C

Construction

conductor	bare copper
insulation	1,5 mm ² : TPE, colour: WH, numbered 1 - 5 2,5 mm ² : TPE, colour: WH, numbered 1 - 24, GN/YE
wrapping	1,5 mm ² : wrapped with foil
screen	1,5 mm ² : tinned copper braiding
inner sheath	1,5 mm ² : TPE, black, similar to RAL 9005
strain relief	sisal cord jacket with SABIX®
stranding	all elements twisted in layer(s), filler and tape if necessary
outer sheath	PUR, yellow, similar RAL 1021 with embedded High-Tech yarn braiding
imprint	according to customer specification or SAB standard

Dimensions

outer-Ø	approx. 29,6 mm max. 30,4 mm
weight	approx. 1204 kg/km
copper figure	CU: 723,9 kg/km
DC resistance at 20°C	1,5 mm ² : max. 13,3 Ω/km 2,5 mm ² : max. 7,98 Ω/km

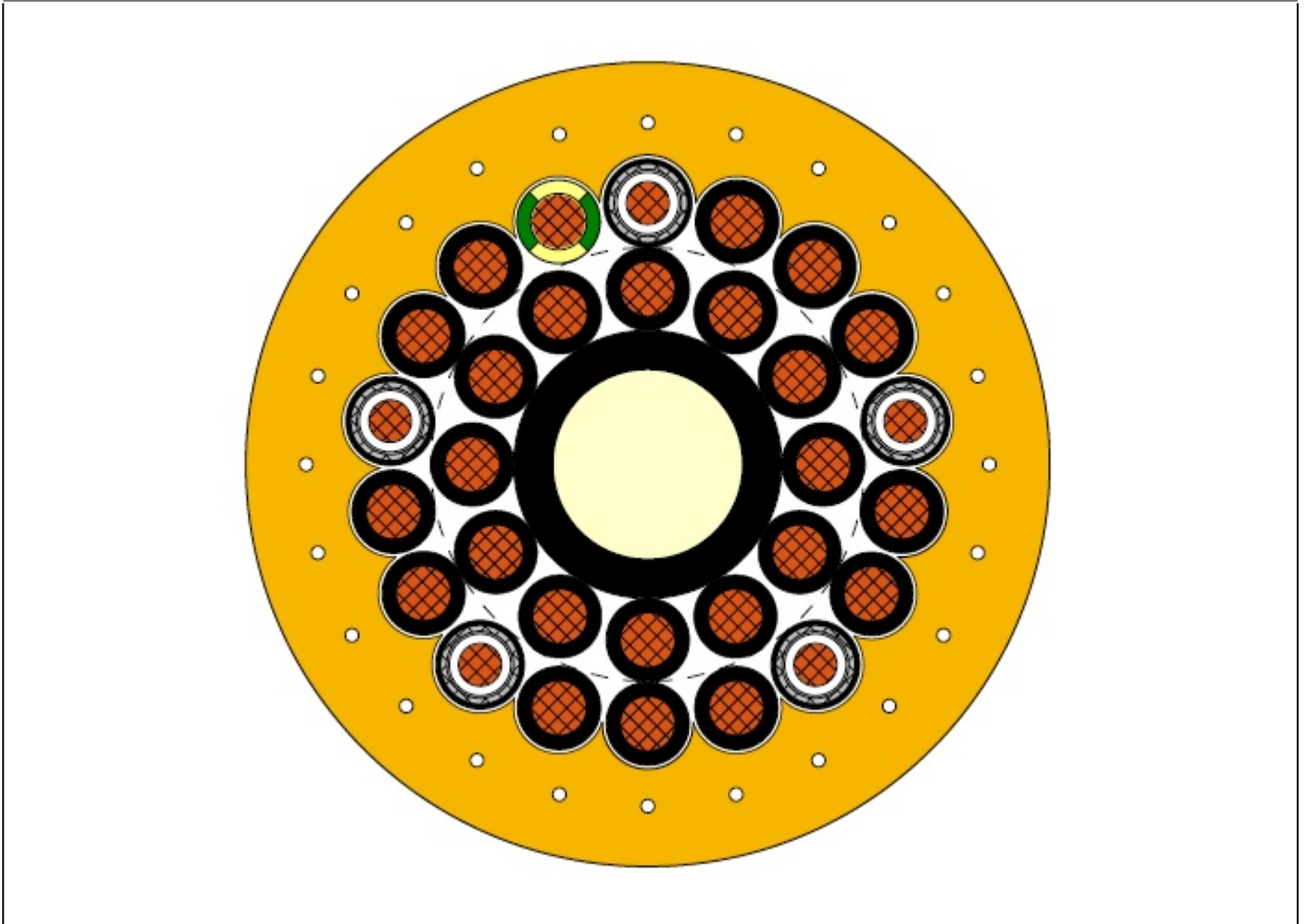
Technical data

nominal voltage U _o /U		U _o /U 0.6/1 kV
test voltage	core/core	4000 V
	core/screen	4000 V
temperature range	flexible use	-40°C/+80°C
	fixed laying	-50°C/+80°C
minimum bend radius	fixed installation	5 x cable diameter
minimum bend radius (for repeated winding)		10 x cable diameter
min. bend rad. (action guided on deflection pulley)		12 x cable diameter

Special requirements

note drum cable	The cable was developed on the basis of many years of broad experience with comparable cables in reeling applications and is basically suitable for such applications within the specified parameters. However, due to the wide range of application parameters and operating conditions, we always recommend a practical test close to the application.
RoHS	Absence of harmful substances acc. to RoHS-Directive 2011/65/EU and Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Sketch



created	checked	Issue date	version
M. Fortas	D. Reimann	02.10.2025	2