

Cables for lifting and crane systems

Spreader 722

Control cable hoisting cages in crane systems



marking example:

SAB BRÖCKSKES · D-VIERSEN · Spreader 722 42 G 2,5 mm²

Application: Cable for carriers for example spreaders with high mechanical stress and vertical cage operation.

Construction:

Conductor:	bare copper strands
Insulation:	PVC
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, and a green-yellow earth wire
Suspension unit:	Armid braided with lead, 50 m of the suspended cable are supported by a 5 times safety calculation
Stranding:	cores are twisted to bundles with lead cord in the centre
Wrapping:	overlapping non-woven tape
Stranding:	bundle and lead cords twisted, suspension unit in the centre
Wrapping:	overlapping non-woven tape
Sheath material:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Sheath colour:	black (RAL 9005)

Outstanding features:

- » for hoisting cage applications
- » high breaking load of supporting unit
- » oil resistant
- » weather resistant
- » PFAS free

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	core/core 2000 V
Temperature range	
<i>fixed laying:</i>	-20/+60 °C
<i>flexible application:</i>	-20/+60 °C
<i>max. allowed operating temperature at conductor:</i>	+70 °C
<i>short circuit temperature at conductor:</i>	+150 °C
Tensile strength:	max. 15 N/mm ² x sum of all cable sections
Recommended cage dimensions:	cage diameter min. 30 x d, cage height approx. 45 x d
Travel speed hoisting gear:	max. 160 m/min.
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Weather resistance:	appropriate for applications in dry, damp and wet rooms as well as in the open-air with a very good resistance against ozone, UV radiation and humidity
Absence of harmful substances:	due to the lead cord this cable isn't free of harmful substances acc. to RoHS directive of the European Union

item no.	no. of cores x cross section n x mm ²	outer-Ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07224810	48 G 1,00	32,1	460,8	1951
07222425	24 G 2,50	29,7	576,0	1660
07223025	30 G 2,50	32,9	720,0	2016
07223625	36 G 2,50	36,2	864,0	2567
07224225	42 G 2,50	39,2	1008,0	3177
07224825	48 G 2,50	41,9	1152,0	3556
07222035	20 G 3,50	30,9	633,6	1722
07222435	24 G 3,50	33,2	760,3	2073
07223035	30 G 3,50	37,0	950,4	2565
07223635	36 G 3,50	40,2	1140,5	3218
0722XXXX	4 G 50,0	32,8	1920,0	2447
0722XXXX	5 G 50,0	36,3	2400,0	3027

Other dimensions and colours are possible on request.