

Reeling cables

DR 724 P Spreader

PUR Reeling cable for spreader application



BKES · D-VIERSEN · DR 724 P Spreader 46 G 1,0 mm² CE



Marking for DR 724 P Spreader 07244610:

SAB BRÜCKSKES · D-VIERSEN · DR 724 P Spreader 46 G 1,0 mm² CE

Application: The DR 724 P Spreader is for use in reeling applications with heavy duty mechanical stress e.g. in motor driven drums in container cranes.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	special polymer
Colour code:	coloured acc. to HD 308 (VDE 0293-308), from 6 cores black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, from 3 cores a green-yellow earth wire
Stranding:	specially adjusted layering around central Aramid suspension unit
Inner sheath:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Torsion protecting net:	Aramid
Sheath material:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Sheath colour:	black (RAL 9005)

Technical data:

Nominal voltage:	Uo/U 0.6/1 kV
Testing voltage:	core/core 4000 V
Min. bending radius <i>for laying and installation</i> <i>(fixed laying):</i>	5 x d
<i>for repeated winding action</i> <i>(flexible):</i> <i>guided on pulleys</i> <i>(flexible):</i>	7,5 x d 10 x d
Temperature range <i>fixed laying:</i>	-50/+90 °C
<i>flexible application:</i>	-40/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Weather resistance:	very good
Sunlight resistance:	very good - enhanced due to black sheath colour
Tensile strength:	acc. to VDE 0298-3 section 7.1
Mechanical characteristics:	the main mechanical characteristics accomplished by the PUR outer sheath are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“

Outstanding features:



- path feed rate up to 240 m/min.
- extrem highly winding and unwinding strength
- for high mechanical stress in reeling processes
- small outer diameter
- small cable weight
- flame retardant and self-extinguishing

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item no.	no. of cores x cross section n x mm ²	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	tensile strength central suspension unit max. kN
07244610	46 G 1,00	28,2	441,6	992	25
07244910	49 G 1,00	30,7	470,4	1130	25
07242425	24 G 2,50	24,3	576,0	908	25
07243025	30 G 2,50	28,1	720,0	1199	25
07243625	36 G 2,50	32,5	864,0	1473	25
07244225	42 G 2,50	35,8	1008,0	1770	25
07244425	44 G 2,50	37,0	1056,0	1877	25
07245625	56 G 2,50	45,7	1344,0	2665	25

Other dimensions and colours are possible on request.

Please mention the required winding length when placing the order.

● Please pay attention
to the installation instructions
in chapter N „Technical Data“