

DR 724 P Spreader PUR Reeling cable for spreader application

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



Marking for DR 724 P Spreader 07244610:
SAB BRÖCKSKES · D-VIERSEN · DR 724 P Spreader 46 G 1,0 mm² CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	special polymer
Colour code:	black cores with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 cores
Stranding:	specially adjusted layering around central Aramid suspension unit
Inner sheath:	PUR
Torsion protecting net:	Aramid
Sheath material:	PUR
Sheath colour:	black (RAL 9005)

Outstanding features:

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

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

Technical Data:

Nominal voltage:	U ₀ /U 0.6/1 kV
Testing voltage:	core/core 4000 V
Min. bending radius:	
<i>for laying and installation (fixed laying):</i>	5 x d
<i>for repeated winding action (flexible):</i>	7,5 x d
<i>guided on deflection pulleys (flexible):</i>	10 x d
Temperature range	
<i>fixed laying:</i>	-50/+90 °C
<i>flexible application:</i>	-40/+90 °C
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1
Oil resistance:	very good - PUR, TMPU acc. to EN 50363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
Weather resistance:	very good
Sunlight resistance:	very good - enhanced due to black sheath colour
Tensile strength:	acc. to DIN 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 page N/17

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20

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.

Note: Please pay attention to the installation instructions on page N/29