

REELING, LIFT & SPECIALTY CABLES



DR 724 P Spreader PUR Reeling cable for spreader application

ERSEN · DR 724 P Spreader 49 G 1.0 mm² CE



Marking for DR 724 P Spreader 07244910:
SAB BRÖCKSKES · D-VIERSEN · DR 724 P Spreader 49 G 1.0 mm² CE

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

Construction:

Conductor:	bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5
Insulation:	special polymer
Color code:	black conductors with consecutive numbers acc. to EN 50334 and green-yellow earth wire
Stranding:	specially adjusted layering around central Aramid suspension unit
Inner jacket:	PUR
Supporting screen:	Aramid
Jacket material:	PUR
Jacket color:	black

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
- lighter cable weight

Technical data:

Nominal voltage:	0.6/1 kV
Testing voltage:	conductor/conductor 4000 V
Min. bending radius: <i>for laying and installation (fixed laying):</i>	5 x O.D.
<i>for repeated winding action (flexible):</i> <i>guided on deflection pulleys (flexible):</i>	7.5 x O.D. 10 x O.D.
Temperature range <i>fixed laying:</i>	-50/+90°C
<i>flexible application:</i>	-40/+90°C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Oil resistance:	very good - PUR, TPU acc. to EN 50363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
Weather resistance:	very good
Sunlight resistance:	very good - enhanced due to black jacket color
Tensile strength:	acc. to DIN VDE 0298-3 section 7.1
Mechanical characteristics:	the main mechanical characteristics accomplished by the PUR outer jacket 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 O/30

item no.	dimensions	nominal outer- \varnothing $\pm 5\%$		cable weight \approx lbs/mft	tensile strength central suspension unit max. kN
		inch	mm		
➤ 07244610	18 AWG (\approx 30/32) / 46c	1.110	28.2	667	25
➤ 07244910	18 AWG (\approx 30/32) / 49c	1.209	30.7	759	25
➤ 07242425	14 AWG (\approx 46/30) / 24c	0.957	24.3	610	25
➤ 07243025	14 AWG (\approx 46/30) / 30c	1.106	28.1	806	25
➤ 07243625	14 AWG (\approx 46/30) / 36c	1.280	32.5	990	25
➤ 07244225	14 AWG (\approx 46/30) / 42c	1.409	35.8	1189	25
➤ 07244425	14 AWG (\approx 46/30) / 44c	1.457	37.0	1261	25
➤ 07245625	14 AWG (\approx 46/30) / 56c	1.799	45.7	1791	25

Other dimensions and colors are possible on request.
Please mention the required winding length when placing the order.

Note: Please pay attention to the installation instructions on page O/13!

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