

Reeling Cables

DR 724 P Spreader

PUR reeling cable for spreader applications



S · D-VIERSEN · DR 724 P Spreader 46 G 1.0 mm² CE



Marking for DR 724 P Spreader 7244610:

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 on container cranes.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	special polymer
Color code:	colored acc. to HD 308 (VDE 0293-308), see page O/26 from 6 conductors: black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334 from 3 conductors a green/yellow ground
Stranding:	specially adjusted layering around central Aramid suspension unit
Inner jacket:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Torsion protecting net:	Aramid
Jacket material:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Jacket color:	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
- lighter cable weight

Technical data:

Nominal voltage:	Uo/U 0.6/1 kV
Testing voltage:	conductor/conductor: 4000 V
Current-carrying capacity:	acc. to VDE 0298-4, see chapter O/20 & 21
Min. bending radius: <i>for laying and installation (fixed installation):</i> <i>for repeated winding action (flexible):</i> <i>guided on pulleys (flexible):</i>	 5 x O.D. 7.5 x O.D. 10 x O.D.
Temperature range: <i>static:</i> <i>flexible:</i>	 -50/+90°C -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	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 jacket color
Tensile strength:	acc. to 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
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	AWG/c	nominal outer-ø		cable weight ≈ lbs/mft	min breaking load of suspension unit N
		inch	mm		
▶ 7244610	18 AWG (≈ 30/32) / 46c	1.110	28.2	667	25
▶ 7244910	18 AWG (≈ 30/32) / 49c	1.209	30.7	759	25
▶ 7242425	14 AWG (≈ 46/30) / 24c	0.957	24.3	610	25
▶ 7243025	14 AWG (≈ 46/30) / 30c	1.106	28.1	806	25
▶ 7243625	14 AWG (≈ 46/30) / 36c	1.280	32.5	990	25
▶ 7244225	14 AWG (≈ 46/30) / 42c	1.409	35.8	1189	25
▶ 7244425	14 AWG (≈ 46/30) / 44c	1.457	37.0	1261	25
▶ 7245625	14 AWG (≈ 46/30) / 56c	1.799	45.7	1791	25

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

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



www.sabcable.com
866-722-2974 ■ info@sabcable.com