

REELING, LIFT & SPECIALTY CABLES



DR 721 P Reeling cable

ES · D-VIERSEN · DR 721 P 12 G 1.5 mm² CE



Marking for DR 721 P 07211215:

SAB BRÖCKSKES · D-VIERSEN · DR 721 P 12 G 1.5 mm² CE

The DR 721 P is used for spring cable and motor cable reels, hoists, transport systems and farm vehicles with medium mechanical stress.

Construction:

Conductor:	bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5
Insulation:	special polymer
Color code:	colored acc. to HD 308 (VDE 0293 part 308), see page O/26; from 6 conductors: black conductors with consecutive numbers acc. to EN 50334; plus green-yellow earth wire
Stranding:	specially adjusted layering
Inner jacket:	PUR
Supporting screen:	high-tech yarn
Jacket material:	PUR
Jacket color:	black

Outstanding features:

- high winding and unwinding strength
- small outer diameter
- lighter cable weight
- corresponds to low voltage guideline 73/23/EWG CE

Technical data:

Nominal voltage:	0.6/1 kV
Testing voltage:	conductor/conductor 4000 V
Current-carrying capacity:	acc. to DIN VDE 0298-4, see page O/20 + 21
Min. bending radius:	
for laying and installation (fixed laying):	6 x O.D.
for repeated winding action (flexible):	10 x O.D.
guided on deflection pulleys: (flexible):	12 x O.D.
Temperature range:	
fixed laying:	-50/+90°C
flexible:	-40/+90°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Chemical resistance:	very good against acids, alkaline solutions, solvents and hydraulic liquids, etc.
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-ø ± 5%		cable weight ≈ lbs/mft
		inch	mm	
➤ 07210415	16 AWG (≈ 27-29/30) / 4c	0.346	8.8	78
➤ 07210515	16 AWG (≈ 27-29/30) / 5c	0.378	9.6	94
➤ 07210715	16 AWG (≈ 27-29/30) / 7c	0.461	11.7	136
➤ 07211215	16 AWG (≈ 27-29/30) / 12c	0.646	16.4	228
➤ 07211815	16 AWG (≈ 27-29/30) / 18c	0.642	16.3	287
➤ 07212415	16 AWG (≈ 27-29/30) / 24c	0.772	19.6	384
➤ 07213615	16 AWG (≈ 27-29/30) / 36c	0.870	22.1	536
➤ 07210425	14 AWG (≈ 46/30) / 4c	0.402	10.2	113
➤ 07210525	14 AWG (≈ 46/30) / 5c	0.441	11.2	138
➤ 07210725	14 AWG (≈ 46/30) / 7c	0.535	13.6	200
➤ 07211225	14 AWG (≈ 46/30) / 12c	0.764	19.4	341
➤ 07211825	14 AWG (≈ 46/30) / 18c	0.764	19.4	426
➤ 07212425	14 AWG (≈ 46/30) / 24c	0.929	23.6	574
➤ 07213625	14 AWG (≈ 46/30) / 36c	1.039	26.4	804

item no.	dimensions	nominal outer-ø ± 5%		cable weight ≈ lbs/mft
		inch	mm	
➤ 07210440	12 AWG (≈ 52/28) / 4c	0.488	12.4	172
➤ 07210460	10 AWG (≈ 78/28) / 4c	0.567	14.4	244
➤ 07210560	10 AWG (≈ 78/28) / 5c	0.614	15.6	294
➤ 07210470	8 AWG (≈ 77/26) / 4c	0.705	17.9	393
➤ 07210480	6 AWG (≈ 122/26) / 4c	0.882	22.4	608
➤ 07210580	6 AWG (≈ 122/26) / 5c	0.984	25.0	760
➤ 07210390	4 AWG (≈ 190/26) / 3c + 10 AWG (≈ 78/28) / 3c	0.953	24.2	792
➤ 07210395	2 AWG (≈ 272/26) / 3c + 10 AWG (≈ 78/28) / 3c	1.102	28.0	1054
➤ 07210396	1 AWG (≈ 400/26) / 3c + 8 AWG (≈ 77/26) / 3c	1.252	31.8	1511

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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