

FLEXIBLE SPECIALTY CABLES



DR 721 P Reeling cable



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); from 6 conductors black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	specially adjusted layering
Inner jacket:	special PVC
Supporting screen:	high-tech yarn
Jacket material:	PUR
Jacket color:	black

Outstanding features:

- good winding and unwinding strength
- small outer diameter
- small 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 N/18 + 19
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:	-30/+70 °C
flexible:	-30/+70 °C
Temperature resistance of primary insulation:	up to +90 °C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 und EN 60332-1-2
Oil resistance:	very good - TMPU acc. mto 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 N/28

item no.	dimensions	max. outer-ø ± 5%		cable weight ≈ lbs/mft
		inch	mm	
➤ 07210415	16 AWG (≈ 27-29/30) / 4c	0.346	8.8	83
➤ 07210515	16 AWG (≈ 27-29/30) / 5c	0.378	9.6	99
➤ 07210715	16 AWG (≈ 27-29/30) / 7c	0.461	11.7	144
➤ 07211215	16 AWG (≈ 27-29/30) / 12c	0.646	16.4	240
➤ 07211815	16 AWG (≈ 27-29/30) / 18c	0.642	16.3	299
➤ 07212415	16 AWG (≈ 27-29/30) / 24c	0.772	19.6	401
➤ 07213615	16 AWG (≈ 27-29/30) / 36c	0.870	22.1	557
➤ 07210425	14 AWG (≈ 46/30) / 4c	0.402	10.2	120
➤ 07210525	14 AWG (≈ 46/30) / 5c	0.441	11.2	146
➤ 07210725	14 AWG (≈ 46/30) / 7c	0.535	13.6	208
➤ 07211225	14 AWG (≈ 46/30) / 12c	0.764	19.4	356
➤ 07211825	14 AWG (≈ 46/30) / 18c	0.764	19.4	444
➤ 07212425	14 AWG (≈ 46/30) / 24c	0.929	23.6	599
➤ 07213625	14 AWG (≈ 46/30) / 36c	1.039	26.4	833

item no.	dimensions	max. outer-ø ± 5%		cable weight ≈ lbs/mft
		inch	mm	
➤ 07210440	12 AWG (≈ 52/28) / 4c	0.488	12.4	181
➤ 07210460	10 AWG (≈ 78/28) / 4c	0.567	14.4	257
➤ 07210560	10 AWG (≈ 78/28) / 5c	0.614	15.6	308
➤ 07210470	8 AWG (≈ 77/26) / 4c	0.705	17.9	413
➤ 07210480	6 AWG (≈ 122/26) / 4c	0.882	22.4	638
➤ 07210580	6 AWG (≈ 122/26) / 5c	0.984	25.0	788
➤ 07210390	4 AWG (≈ 190/26) / 3c + 10 AWG (≈ 78/28) / 3c	0.953	24.2	823
➤ 07210395	2 AWG (≈ 272/26) / 3c + 10 AWG (≈ 78/28) / 3c	1.102	28.0	1095
➤ 07210396	1 AWG (≈ 400/26) / 3c + 8 AWG (≈ 77/26) / 3c	1.252	31.8	1568

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 N/11

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