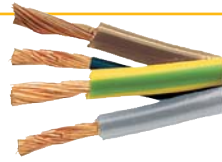


FLEXIBLE SPECIALTY CABLES

DR 717 P Highflex PUR reeling cable



BRÖCKSKES · D-VIERSEN · DR 717 P Highflex 4 G 2,5 mm² CE

Marking for DR 717 P Highflex 07170425:
SAB BRÖCKSKES · D-VIERSEN · DR 717 P Highflex 4 G 2,5 mm² CE

The DR 717 P Highflex is used for spring cable reels on stages and theaters.

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 <i>DMX-bus:</i> white/brown, green/yellow <i>IE Cat 5:</i> white-blue/blue, white-orange/orange, white-green/green, white-brown/brown
Stranding:	specially adjusted layering around a central suspension unit
Inner jacket:	PUR
Supporting screen:	high-tech yarn
Outer jacket:	PUR
Jacket color:	black

Outstanding features:

- reeling length up to 60 m
- high winding and unwinding strength
- corresponds to low voltage guideline 73/23/EWG CE
- small outer diameter
- small cable weight

Technical data:

Nominal voltage:	U ₀ /U 300/500 V (supply conductors)		
Peak operating voltage:	<i>item no. 07179001:</i> max. 500 V (DMX-bus) <i>item no. 07179002:</i> max. 125 V (IE Cat 5)		
Testing voltage:	conductor/conductor 2000 V		
Current-carrying capacity:	acc. to DIN VDE 0298-4, see page N/18 + 19		
Min. bending radius:	for laying and installation (fixed laying): ≤ 12 mm 3 x O.D. / >12 mm 4 x O.D. for repeated winding action (flexible): 6 x O.D. guided on deflection pulleys (flexible): 7,5 x O.D.		
Temperature range	<i>item no. 07179001</i>	<i>item no. 07179002</i>	<i>item no. 07179002</i>
<i>with installation:</i>			0/+50 °C
<i>fixed laying:</i>	-50/+90 °C	-40/+70 °C	-20/+60 °C
<i>flexible application:</i>	-40/+90 °C	-40/+70 °C	-20/+60 °C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1		
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:	good against acids, alkalines, solvents, hydraulic liquids, etc.		
Sunlight resistance:	very good - enhanced due to black jacket color		
Tensile strength:	with reference 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		

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15

item no.	dimensions	max. outer-ø ± 5%		cable weight ≈ lbs/mft	tensile strength max. N	min breaking load of suspension unit N
		inch	mm			
➤ 07170425	14 AWG (≈ 46/30) / 4c	0.382	9.7	106	150	1345
➤ 07170440	12 AWG (≈ 52/28) / 4c	0.461	11.7	161	240	1690
➤ 07171440	12 AWG (≈ 52/28) / 14c	0.823	20.9	497	840	2500
➤ 07172040	12 AWG (≈ 52/28) / 20c	0.917	23.3	686	1200	3700
➤ 07172540	12 AWG (≈ 52/28) / 25c	1.114	28.3	886	1500	4200
➤ 07170460	10 AWG (≈ 78/28) / 4c	0.528	13.4	224	360	1860
➤ 07171360	10 AWG (≈ 78/28) / 13c	0.957	24.3	681	1170	3700
➤ 07170470	8 AWG (≈ 77/26) / 4c	0.673	17.1	376	600	2300
➤ 07170480	6 AWG (≈ 122/26) / 4c	0.839	21.3	581	960	2800
➤ 07179001	12 AWG (≈ 52/28) / 14c + 24 AWG (≈ 14/34) / 2pr	0.882	22.4	534	840	2500
➤ 07179002	6 AWG (≈ 122/26) / 5c + 26 AWG (≈ 18/38) / 4pr	1.039	26.4	782	1200	3000
➤ 07179013	12 AWG (≈ 52/28) / 25c	0.984 1.102	min. 25.0 max. 28.0	867	1500	2600

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

E-mail: info@sabcable.com



Web site: www.sabcable.com