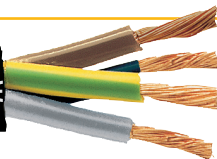


FLEXIBLE SPECIALITY CABLES



DR 717 P Highflex Reeling cable

SAB 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 central suspension unit partially with non-woven tape over the outer layer
Inner jacket:	PUR
Supporting screen:	high-tech yarn
Outer sheath:	PUR
Sheath color:	black (RAL 9005)

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/16 + 17	
Min. bending radius:	≤ 12 mm 3 x d / >12 mm 4 x d	
<i>for laying and installation (fixed laying):</i>		
<i>for repeated winding action (flexible):</i>	6 x d	
<i>guided on deflection pulleys (flexible):</i>	7,5 x d	
Temperature range	<i>item no. 07179001</i>	<i>item no. 07179002</i>
<i>with installation:</i>		0/+50 °C
<i>fixed laying:</i>	-50/+90 °C	-40/+70 °C
<i>flexible application:</i>	-40/+90 °C	-40/+70 °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.	
UV-resistance:	very good - enhanced due to black sheath color	
Tensile strength:	with reference to DIN VDE 0298-300 section 5.4.1	
Mechanical characteristics:	the main mechanical characteristics accomplished by the PUR outer sheath are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance	
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25	

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	16 AWG / 4c	0.386	9.8	99	150	1345
➤ 07170440	14 AWG / 4c	0.465	11.8	151	240	1690
➤ 07171440	14 AWG / 14c	0.819	20.8	473	840	2500
➤ 07172040	14 AWG / 20c	0.921	23.4	662	1200	3700
➤ 07170460	10 AWG / 4c	0.531	13.5	212	360	1860
➤ 07171360	10 AWG / 13c	0.953	24.2	644	1170	3700
➤ 07170470	8 AWG / 4c	0.673	17.1	366	600	2300
➤ 07170480	6 AWG / 4c	0.827	21.0	559	960	2800
➤ 07179001	12 AWG / 14c + 24 AWG / 2pr	0.882	22.4	517	840	2500
➤ 07179002	6 AWG / 5c + 26 AWG / 4pr	1.039	26.4	758	1200	3000

Other dimensions and colors are possible on request.

Please mention the required winding length when placing the order.

E-mail: info@sabcable.com



Web site: www.sabcable.com