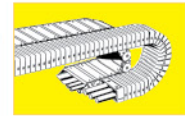


Cleanroom Cables



SD 776 연속움직임 자동화용 / 특수개발 TPE 840 / 칼라코어 / ISO 146441-1 Class 1

RoHS

SAB BROCKSKES D-VIERSEN SAB Clean SD 776


 Marking for Clean room SD 776
 SAB BROCKSKES D-VIERSEN SAB Clean SD 776 12 x 0,5 mm²

>> Construction (케이블구성)

Conductor (도체)	bare copper strands, acc. to DIN VDE 0295 class 6 + IEC 60228 class 6
Insulation (내피재질)	TPE-E (TPE 850)
Core code (코어식별)	DIN 47100
Stranding (코어연립)	cores in layers
Wrapping	non-woven tape
Sheath material (외피재질)	TPE 840
Sheath colour (외피색상)	black (RAL 9005)

>> Outstanding features (특징)

- ▶ rugged and reliable (내구성 및 신뢰성)

>> Technical data (기술사양)

Nominal voltage (사용전압)	Max 350 V
Testing voltage (시험전압)	core / core 1500 V
Min. bending radius (곡률반경)	5 x d
Temperature range (사용온도)	
fixed laying	-40°C / +80°C
flexible application	-30°C / +80°C
Clean room classification (청정도등급)	US Federal Standard 209E: Air cleanliness class, EN ISO 14644-1 Air cleanliness class 1(TPE)
Fire performance (난연성)	flame retardant acc. to IEC 60332-1
Oil resistance	Very-good-oil rating 60°C acc. to UL758



item no.	no. of cores x cross section n x mm²	outer-ø approx. mm	weight approx kg/km	copper figure kg/km
3776-0302	3 x 0.25	4,1	22	7,2
3776-0402	4 x 0.25	4,3	26	9,6
3776-0502	5 x 0.25	4,6	31	12,0
3776-0602	6 x 0.25	5,0	36	14,4
3776-0702	7 x 0.25	5,3	40	16,8
3776-1002	10 x 0.25	6,1	51	24,0
3776-1402	14 x 0.25	6,5	62	33,6
3776-0503	5 x 0.34	4,9	37	16,3

Other dimensions and colours are possible on request.



Possible on request!

- ▶ in dimensions
0.14mm² and 50mm²
- ▶ Even more than 100 cores
are possible



Stranding of conductors