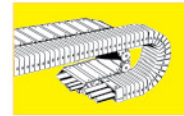


Cleanroom Cables

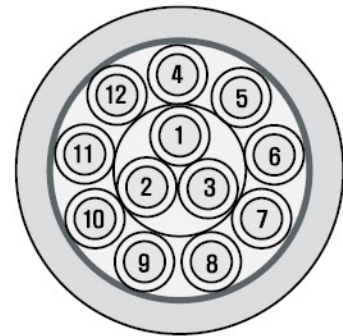


S 776 연속움직임 자동화용 / 특수개발 TPE 840 / 숫자코어 / ISO 146441-1 Class 1

RoHS



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



>> 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)	black cores with consecutive numbers in white, with green-yellow ground wire
Stranding (코어연립)	cores in layers
Wrapping	non-woven tape
Sheath material (외피재질)	TPE 840
Sheath colour (외피색상)	black(RAL 9005)

>> Technical data (기술사항)

Nominal voltage (사용전압)	U ₀ /U 300 / 500 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 (클린룸등급)	US Federal Standard 209E: Air cleanliness class, EN ISO 14644-1 Air cleanliness class 1
Fire performance (난연성)	flame retardant acc. to IEC 60332-1
Oil resistance	Very-good-oil rating 60°C acc. to UL758

>> Outstanding features (특징)

- ▶ rugged and reliable (내구성 및 신뢰성)
- ▶ clean room 규정 : ISO 146441-1



item no.	no. of cores x cross section n x mm ²	outer-ø approx. mm	weight approx kg/km	copper figure kg/km
3776-0205	2 x 0,50	5,3	35	9,6
3776-0305	3 x 0,50	5,5	41	14,4
3776-0405	4 x 0,50	5,9	49	19,2
3776-0505	5 x 0,50	6,4	59	24,0
3776-0705	7 x 0,50	7,3	78	33,6
3776-1205	12 x 0,50	8,7	110	57,6
3776-0407	4 x 0,75	6,5	62	28,8
3776-0507	5 x 0,75	7,1	76	36,0
3776-0707	7 x 0,75	8,1	103	50,4
3776-0410	4 x 1,00	7,0	76	38,4
3776-0415	4 x 1,50	7,7	100	57,6
3776-0515	5 x 1,50	8,4	123	72,0
3776-0425	4 x 2,50	9,6	156	96,0
3776-0440	4 x 4,00	12,1	251	153,6
3776-0460	4 x 6,00	13,2	333	230,4
3776-0461	4 x 10,00	15,8	512	384,0

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