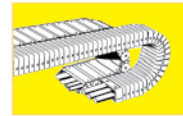


Cleanroom Cables



SD 780 C 연속움직임 (자동화용) / 특수개발 TPE840 소재 / 칼라코어 / 동선편조차폐

RoHS

D-VIERSEN SAB Clean SD 780 C



Marking for Clean room SD 780 C
SAB BROCKSKES D-VIERSEN SAB Clean SD 780 C

>> Construction (케이블구성)

Conductor (도체)	bare copper fine stranded with reference to DIN VDE 0812
Insulation (내피재질)	TPE 850
Core code (코어식별)	with reference to DIN 47100
Stranding (코어연립)	cores in layers
Wrapping	non-woven tape
Screen(필드형식)	tinned copper braiding
Sheath material(외피재질)	TPE 840
Sheath colour (외피색상)	black(RAL 9005)

>> Outstanding features (특징)

- ▶ rugged and reliable (내구성 및 신뢰성)

item no.	no. of cores x cross section n x mm ²	outer-ø ± 5% mm
103780-0402	4 x 0,25	5,0
103780-0503	5 x 0,34	5,6
103780-0703	7 x 0,34	6,3
103780-1003	10 x 0,34	7,2
103780-1803	18 x 0,34	8,4

Other dimensions and colours are possible on request.

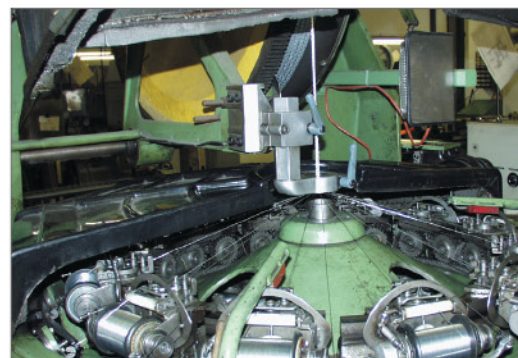
>> Technical data (기술사양)

Nominal voltage (사용전압)	max. 350V
Testing voltage (시험전압)	core / core 1500 V core / screen 1200 V
Temperature range (사용온도)	fixed laying -40°C up to +80°C flexible application -30°C up to +80°C
Min. bending radius (곡률반경)	7,5 x d
Clean room classification (클린룸등급)	US Federal Standard 209E: Air cleanliness class, EN ISO 14644-1: Air cleanliness class 1(TPE)
Continuous flexibility (유연성)	very good
Fire performance (난연성)	flame retardant IEC 60332-1
Oil resistance	Very-good-oil rating 60°C acc. to UL758



Possible on request!

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



This is a braiding machine. The drain wires are coming from various spools. They are going to the center and from there they will be interwoven.