

Cleanroom Cables

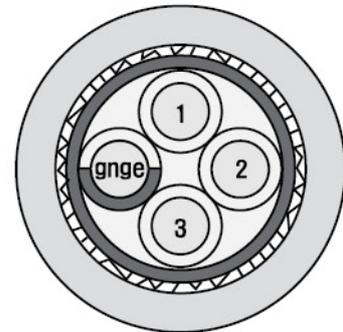


S 780 C 연속움직임 (자동화용) / 특수개발 TPE 840 소재 / 숫자코어 / 동선편조차폐

RoHS



Marking for Clean room S 780 C
SAB BROCKSKES D-VIERSEN SAB Clean S 780 C CE



>> Construction (케이블구성)

Conductor (도체)	bare copper fine stranded with reference to IEC 60228 class 6
Insulation (내피재질)	TPE, thermoplastic material based on TPE-E
Core code (코어식별)	black cores with consecutive numbers in white, with green-yellow ground wire
Stranding (코어연립)	conductor twisted with special adjusted layering
Wrapping	non-woven tape overlapping wrapped
Inner Jacket	SABIX 322, thermoplastic material based on Polyolefine
Jacket colour	grey similar to RAL 7000
Wrapping	non-woven tape overlapping wrapped
Screen(섀드형식)	braid with tinned copper wires
Wrapping	non-woven tape overlapping wrapped
Sheath material(외피재질)	TPE 840, thermoplastic material based on TPE
Sheath colour (외피색상)	black similar to RAL 9005

>> Technical data (기술사양)

Nominal voltage (사용전압)	U ₀ /U 300 / 500 V
Testing voltage (시험전압)	core / core 2000 V core / screen 2000 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 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)

item no.	no. of cores x cross section n x mm ²	outer-ø approx. mm	weight approx kg/km	copper figure kg/km
3780-0415	4 x 1,5	9,6	132	84,5
3780-0425	4 x 2,5	11,7	208	148,3
3780-0440	4 x 4,0	13,7	302	215,5

Other dimensions and colours are possible on request.



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