



# Cleanroom Cables

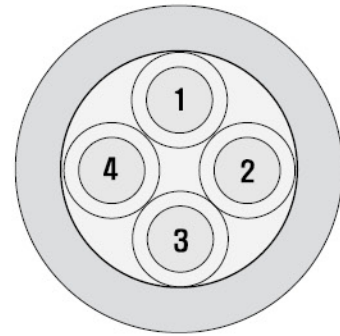
**RT 794** TPE / PUR-Control / 비틀림각 :  $\pm 360^\circ/\text{m}$  /  $-40^\circ\text{C} \sim +90^\circ\text{C}$  사용

**RoHS**

SAB BROCKSKES D-VIERSEN Clean Room RT 794 **CE** **RoHS**

Marking for Clean Room RT 794

SAB BROCKSKES D-VIERSEN Clean Room RT 794 7 x 0,75 mm<sup>2</sup> **CE**



## >> Construction (케이블구성)

Conductor (도체)	tinned copper strands acc. to DIN VDE 0295 class 6 +IEC 60228 class 6
Insulation (내피재질)	TPE 510
Core code (코어식별)	black cores with consecutive white numbers
Stranding (코어연합)	in layers
Wrapping (코팅)	PTFE foil
Sheath material (외피재질)	PUR, TPU acc. to DIN VDE 0282 part 10 + HD 22,10
Sheath colour (외피색상)	black (RAL 9005)

## >> Outstanding features (특징)

- ▶ rugged and reliable (내구성 및 신뢰성)
- ▶ torsion angle up to  $\pm 360^\circ/\text{m}$  (비틀림 각도)

item no.	no. of cores x cross section n x mm <sup>2</sup>	outer- $\phi$ $\pm 5\%$ mm
37940207	2 x 0,75	5,5
37940407	4 x 0,75	6,2
37940707	7 x 0,75	7,7
37940415	4 x 1,50	7,1
37940715	7 x 1,50	9,0
37940425	4 x 2,50	8,8
37940725	7 x 2,50	11,3

Other dimensions and colours are possible on request.

## >> Technical data (기술사항)

Nominal voltage (사용전압)	U <sub>0</sub> /U 300/500V
Testing voltage (시험전압)	2000V
Torsion angle (비틀림 각도)	up to $\pm 360^\circ/\text{m}$
Min. bending radius (곡률반경)	7,5 x d
Temperature range (사용온도)	
fixed laying	$-50^\circ\text{C} / +90^\circ\text{C}$
flexible application	$-40^\circ\text{C} / +90^\circ\text{C}$
Clean room classification (클린룸등급)	US Federal Standard 209E: Air cleanliness class 1, EN ISO 14644-1: Air cleanliness class 2(TPE)
Continuous flexibility (유연성)	very good
Fire performance (난연성)	flame retardant IEC 60332-1



### Possible on request!

- ▶ in dimensions  
0.14mm<sup>2</sup> and 50mm<sup>2</sup>
- ▶ Even more than 100 cores  
are possible



Stranding of single wires