

# Cleanroom Cables

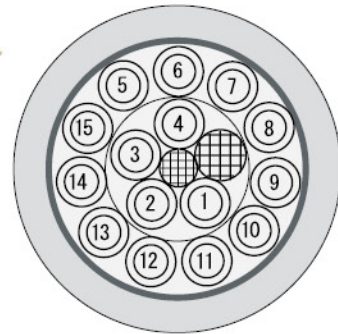


**RT 795 D** PUR-Data Cable / 주석도금 구리 나선형실드 / 비틀림각도  $\pm 360^\circ/\text{m}$

**RoHS**

SAB BROCKSKES D-VIERSEN Clean Room RT 797 C

Marking for Clean Room RT 797 C 37951505  
SAB BROCKSKES D-VIERSEN 37979001 Clean Room RT 797 C  
4 X 0.75mm<sup>2</sup> (UL-sign.) AWM Style 20233 80°C 300V



## Construction (케이블구성)

Conductor (도체)	tinned copper strands extra fine wire
Insulation (내피재질)	TPE 510
Core code (코어식별)	black cores with consecutive white numbers with reference to PIN 47100
Stranding (코어연결)	in layers
Wrapping	PTFE foil
Screen(필드형식)	wrapped with tinned copper wire
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)

## Technical data (기술사양)

Peak operating voltage (최고사용전압)	max. 250V <b>UL</b> : 300V
Testing voltage (시험전압)	core / core 1500V core / screen 750V
Torsion angle (비틀림각도)	up to $\pm 360^\circ/\text{m}$
Min. bending radius (곡률반경)	7,5 x d
Temperature range (사용온도)	DIN / VDE fixed laying -50 / +90°C flexible application -40 / +90°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

item no.	no. of cores x cross section n x mm <sup>2</sup>	outer-ø ± 5% mm
37950303	3 x 0,34	3,9
37950403	4 x 0,34	4,2
37950505	5 x 0,50	6,3
37951005	10 x 0,50	8,2
37951505	15 x 0,50	9,3
37952005	20 x 0,50	10,1
37952505	25 x 0,50	11,6
37979001	4 x 0,75	6,4

Other dimensions and colours are possible on request.



### Possible on request!

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



Extruding of outer sheath