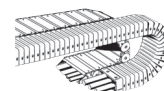


Bus-Leitungen - SAVAX & SAB Cables



S PB 634 HT Profibus-DP cable for the high temperature range, continuously flexible

S PB 634 HT Hybrid Combined Profibus-DP cable with supply cores for the high temperature, continuously flexible



Marking for S PB 634 HT 36341000:
SAB BRÖCKSKES · D-VIERSEN · S PB 634 HT 2×0,34mm² CE

Construction (케이블구성)

	S PB 634 HT	S PB 634 HT Hybrid
Dimension	2 × 0,34mm ²	2 × 0,34mm ² + supply cores
Conductor (도체)	tinned copper strands, extra fine wires	tinned copper strands, extra fine wires
Core insulation (절연)	PFA	PFA
Colour Code (색상)	red, green	0,34mm ² red, green supply cores acc. to HD 308
Assembly / Cabling (코어연합)	pairs 0,34mm ²	pairs 0,34mm ²
Wrapping (바인더)	PETP foil	PETP foil
Inner Sheath (내부 시스)	special Besilen [®]	special Besilen [®]
Screen 0,34mm ² (차폐)	tinned copper braiding	tinned copper braiding
Inner Sheath (내부 시스)	—	FEP
Assembly / Cabling (코어연합)	—	element 0,34mm ² together with supply cores
Wrapping (바인더)	—	PTFE foil
Outer Sheath (외부 시스)	special Besilen [®]	special Besilen [®]
Outer sheath color (외피 색상)	blue lilac (similar RAL 4005)	blue lilac (similar RAL 4005)

Technical data (기술사양)

Item number	3634–1000	siehe Tabelle unten
Nominal voltage (사용전압)	—	300/500V (supply cores)
Max. voltage (최고사용전압)	max. 350V (0,34mm ²)	max. 350V (0,34mm ²)
Testing voltage (시험전압)	core/core 0,34mm ² : 1500V / supply cores: 2000V core/core 0,34mm ² : 1200V / supply cores: 2000V	core/core 0,34mm ² : 1500V / supply cores: 2000V core/core 0,34mm ² : 1200V / supply cores: 2000V
Temperature range VDE (사용온도)		
fixed laying	–40/+180°C	–40/+180°C
flexible application	–25/+180°C	–25/+180°C
short time use	+250°C	+250°C
Min. bending radius (곡률반경)		
fixed laying	5 × d	5 × d
flexible application	10 × d	10 × d
continuously flexible	15 × d	15 × d
Characteristic impedance PB element (3–20 MHz)	150Ω ± 10%	150Ω ± 10%
Fire performance	flame retardant and self-extinguishing acc. to IEC 60332–1–2 + EN 60332–1–2	flame retardant and self-extinguishing acc. to IEC 60332–1–2 + EN 60332–1–2
Flexibility	very good	very good

Absence of harmful substances acc. to RoHS directive of the European Union see page 43 acc. to RoHS directive of the European Union see page 43

Outstanding features (특징)

- ▶ extreme temperature resistance
- ▶ high notch resistance
- ▶ very good flexibility

item no.	Type	선심수 × 도체단면적 (No. × mm ²)	케이블 외경 Nom. (mm)	도체중량 Approx. (kg/km)	케이블 중량 Approx. (kg/km)
3634–1000	S BP 634 HT	2 × 0,34	7,6	27	74
3634–1307	S BP 634 HT Hybrid	2 × 0,34 + 3 × 0,75	10,2	48	130
3634–1407	S BP 634 HT Hybrid	2 × 0,34 + 4 × 0,75	10,2	55	139
3634–1510	S BP 634 HT Hybrid	2 × 0,34 + 5 × 1,00	10,5	75	170
3634–1315	S BP 634 HT Hybrid	2 × 0,34 + 3 × 1,50	10,8	70	158
3634–1415	S BP 634 HT Hybrid	2 × 0,34 + 4 × 1,50	10,8	84	175

Other dimensions and colours are possible on request.