

SAFETYBUS P CABLES

SBP 680 SafetyBUS p cable for fixed installation

S SBP 684 Move SafetyBUS p cable for flexible applications



Marking for SBP 680 06803754:
SAB BRÖCKSKES · D-VIERSEN · SafetyBUS p SBP 680 3 x 0,75 mm² CE and current meter marking from 1 m up to 999 m



Marking for S SBP 684 Move 06843754:
SAB BRÖCKSKES · D-VIERSEN · SafetyBUS p MOVE S SBP 684 3 x 0,75 mm² CE and current meter marking from 1 m up to 999 m

General construction:

Insulation:	acc. to DIN VDE 0819 part 103 (02Y11)
Colour code:	acc. to DIN VDE 47100
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Sheath material:	PUR, signal yellow (RAL 1003)

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	1500 V
Temperature range:	-40/+80 °C
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10
Characteristic impedance at 1 MHz:	100 - 120 Ω
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

	SBP 680	S SBP 684 Move
Conductor:	bare copper strands acc. to DIN VDE class 5	bare copper strands acc. to DIN VDE class 6
Min. bending radius <i>fixed laying:</i> <i>flexible application:</i> <i>continuously flexible:</i>	5 x d 10 x d -	5 x d 10 x d 12 x d
Application in cable tracks:	not recommended	recommended
Continuously flexible application:	-	very good

Item no.	Type	No. of pairs/cores x mm ² , each conductor	Outer ø mm	Copper figure kg/km	Cable weight ≈kg/km
06803754	SBP 680	3 x 0,75	7,8 ± 0,4	43,2	74
06843754	S SBP 684	3 x 0,75	7,8 ± 0,4	43,2	74

Other dimensions and colours are possible on request.