SafetyBUS p cables

SBP 680 SafetyBUS p cable for fixed installation

S SBP 684 Move SafetyBUS p cable for flexible applications



marking example:
SAB BRÖCKSKES · D-VIERSEN · SafetyBUS p MOVE S SBP 684 3x0,75mm² CE and current meter marking

Construction:	SBP 680	S SBP 684 Move
Dimension:	3 x 0,75 mm²	
Conductor:	bare copper strands acc. to VDE class 5	bare copper strands acc. to VDE class 6
Insulation:	acc. to EN 50290-2-23 + VDE 0819-103 (02YI1)	
Colour code:	acc. to DIN 47100	
Wrapping:	non-woven tape	
Screen:	tinned copper braiding	
Wrapping:	non-woven tape	
Sheath material:	PUR	
Sheath colour:	signal yellow (RAL 1003)	

Technical data:	SBP 680	S SBP 684 Move
Item number:	0680-3754	0684-3754
Peak operating voltage:	max. 350 V	
Testing voltage *core/core:* *core/screen:*	 1500 V 1200 V	
Min. bending radius *fixed laying:* *flexible application:* *continuously flexible:*	 5 x d 10 x d	 5 x d 10 x d 12 x d
Temperature range:	-40/+80 °C	
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1	
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2	
Characteristic impedance at 1 MHz:	100 - 120 Ω	
Application in cable tracks:	not recommended	recommended
Continuosly flexible application:	–	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

item no.	type	dimension	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
06803754	SBP 680	3 x 0,75 mm²	7,8	43,2	74
06843754	S SBP 684 Move	3 x 0,75 mm²	7,8	43,2	74

Other dimensions and colours are possible on request.