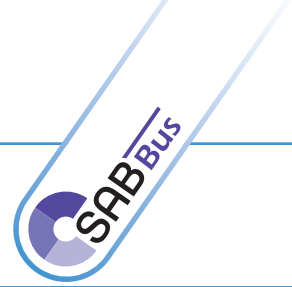


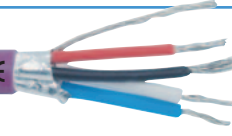
DeviceNet™ Cables

DN 656 halogen-free, flexible DeviceNet™ cable with a static screen and UL recognition

DN 657 halogen-free, flexible DeviceNet™ cable with overall copper screen



AWG/1pr+22AWG/1pr AWM Style 21080 75°C 300V CE



Marking for DN 656 06562241:

SAB BRÖCKSKES · D-VIERSEN · DN 656 2x0,24mm²+2x0,38mm² 06562241 24AWG/1pr+22AWG/1pr AWM Style 21080 75°C 300V CE



Construction:	DN 656 Drop Cable	DN 656 Trunk Cable	DN 657 Drop Cable	DN 657 Trunk Cable
Dimension:	2 x 0,24 mm ² + 2 x 0,38 mm ²	2 x 0,96 mm ² + 2 x 1,53 mm ²	2 x 0,24 mm ² + 2 x 0,38 mm ²	2 x 0,96 mm ² + 2 x 1,53 mm ²
Conductor: 0,24 mm ² tinned copper strands 0,38 mm ² tinned copper strands	AWG 24/19 AWG 22/19	--- ---	AWG 24/19 AWG 22/19	--- ---
Conductor: 0,96 mm ² tinned copper strands 1,53 mm ² tinned copper strands	--- ---	AWG 18/19 AWG 15/19	--- ---	AWG 18/19 AWG 15/19
Insulation:	0,24 mm ² : acc. to EN 50290-2-23 (02Y11) 0,38 mm ² : SABIX®	0,96 mm ² : acc. to EN 50290-2-23 (02Y11) 1,53 mm ² : SABIX®	0,24 mm ² : acc. to EN 50290-2-23 (02Y11) 0,38 mm ² : SABIX®	0,96 mm ² : acc. to EN 50290-2-23 (02Y11) 1,53 mm ² : SABIX®
Colour code:	0,24 mm ² /0,96 mm ² : data pair white and light blue 0,38 mm ² /1,53 mm ² : supply pair black and red			
Wrapping:	cores twisted to pairs stranded with alu foil			
Stranding:	pairs in specially adjusted layering, tinned copper drain wire in core			
Screen:	alu foil		tinned copper braiding	
Wrapping:	non-woven tape			
Sheath material:	SABIX®			
Sheath colour:	redlilac (RAL 4001)			

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Technical data:	DN 656 Drop Cable	DN 656 Trunk Cable	DN 657 Drop Cable	DN 657 Trunk Cable
Item number:	0656-2241	0656-2781	0657-2241	0657-2781
Peak operating voltage:	max. 350 V			
Voltage UL:	300 V		---	
Testing voltage core/core: core/screen:	2000 V 2000 V		1500 V 1200 V	
Min. bending radius fixed laying: flexible application:	7,5 x d 15 x d			
Temperature range fixed laying: flexible application:	UL: up to +75 °C -40/+70 °C -30/+70 °C		-40/+70 °C -30/+70 °C	
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1			
Characteristic impedance:	120 Ω ± 10%			
UL Style:	21080		---	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“			

item no.	type	dimension	outer-ø mm	copper figure kg/km	cable weight ≈kg/km
06562241	DN 656 (Drop Cable)	2 x 0,24 mm ² + 2 x 0,38 mm ²	6,1 - 7,1	16,4	56
06562781	DN 656 (Trunk Cable)	2 x 0,96 mm ² + 2 x 1,53 mm ²	10,4 - 12,4	58,4	120
06572241	DN 657 (Drop Cable)	2 x 0,24 mm ² + 2 x 0,38 mm ²	6,1 - 7,1	41,2	74
06572781	DN 657 (Trunk Cable)	2 x 0,96 mm ² + 2 x 1,53 mm ²	10,4 - 12,4	98,7	183

Other dimensions and colours are possible on request.

