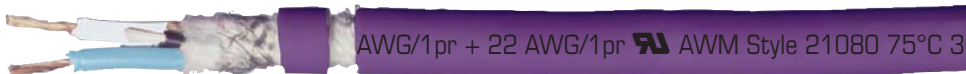


DEVICENET™ CABLES

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



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

General construction:

Wrapping:	each pair wrapped with alu foil
Wrapping:	non-woven tape
Sheath material:	SABIX®
Sheath colour:	redlilac (RAL 4001)

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	1500 V
Min. bending radius	fixed laying: 7,5 x d flexible application: 15 x d
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC60754-1
Characteristic impedance at 1 MHz:	120 Ω ± 10%
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

	DN 656 Drop Cable 2 x 0,24 mm ² + 2 x 0,38 mm ²	DN 656 Trunk Cable 2 x 0,96 mm ² + 2 x 1,53 mm ²	DN 657 Drop Cable 2 x 0,24 mm ² + 2 x 0,38 mm ²	DN 657 Trunk Cable 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 DIN VDE 0819 part 103 (02Y11) 0,38 mm ² : SABIX®	0,96 mm ² : acc. to DIN VDE 0819 part 103 (02Y11) 1,53 mm ² : SABIX®	0,24 mm ² : acc. to DIN VDE 0819 part 103 (02Y11) 0,38 mm ² : SABIX®	0,96 mm ² : acc. to DIN VDE 0819 part 103 (02Y11) 1,53 mm ² : SABIX®
► Colour code: 0,24 mm ² : data pair white and light blue 0,38 mm ² : supply pair black and red	X X	– –	X X	– –
► Colour code: 0,96 mm ² : data pair white and light blue 1,53 mm ² : supply pair black and red	– –	X X	– –	X X
► Stranding: cores 0,24 mm ² twisted to pair and cores 0,38 mm ² twisted to pair	X X	– –	X X	– –
► Stranding: cores 0,96 mm ² twisted to pair and cores 1,53 mm ² twisted to pair	– –	X X	– –	X X
► Total stranding: pairs twisted together with tinned copper drain wire	AWG 22/19	AWG 18/19	AWG 22/19	AWG 18/19
► Screen:	Alu foil	Alu foil	tinned copper braiding	tinned copper braiding
► Voltage UL:	300 V	300 V	–	–
► Temperature range: <i>fixed laying:</i> <i>flexible application:</i>	UL: up to +75°C -40/+70°C -30/+70°C	UL: up to +75°C -40/+70°C -30/+70°C	-40/+70°C -30/+70°C	-40/+70°C -30/+70°C

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item no.	type	no. of pairs x cross section mm ²	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km
06562241	DN 656 (Drop Cable)	2 x 0,24 + 2 x 0,38	6,1 - 7,1	16,4	56
06562781	DN 656 (Trunk Cable)	2 x 0,96 + 2 x 1,53	10,4 - 12,4	58,4	120
06572241	DN 657 (Drop Cable)	2 x 0,24 + 2 x 0,38	6,1 - 7,1	41,2	74
06572781	DN 657 (Trunk Cable)	2 x 0,96 + 2 x 1,53	10,4 - 12,4	98,7	183

Other dimensions and colours are possible on request.