

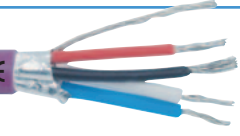
DeviceNet™ Cables



DN 650 PVC DeviceNet™ cable with overall copper screen and UL recognition

DN 651 flexible PVC DeviceNet™ cable with a static screen and UL recognition

Low Voltage Computer Cable AWM Style 2560 60°C 30V CE



Marking for DN 651 06512241:

SAB BRÖCKSKES · D-VIERSEN · DN 651 2x0,24mm²+2x0,38mm² 06512241 24AWG/1pr+22AWG/1pr

Low Voltage Computer Cable AWM Style 2560 60°C 30V CE

Construction:	DN 650 Drop Cable	DN 650 Trunk Cable	DN 651 Drop Cable	DN 651 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 : PVC, TI2 acc. to EN 50363-3	0,96 mm ² : acc. to EN 50290-2-23 (02Y11) 1,53 mm ² : PVC, TI2 acc. to EN 50363-3	0,24 mm ² : acc. to EN 50290-2-23 (02Y11) 0,38 mm ² : PVC, TI2 acc. to EN 50363-3	0,96 mm ² : acc. to EN 50290-2-23 (02Y11) 1,53 mm ² : PVC, TI2 acc. to EN 50363-3
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:	tinned copper braiding		alu foil	
Wrapping:	non-woven tape			
Sheath material:	PVC, TM1 acc. to EN 50363-4-1 + VDE 0207-363-4-1			
Sheath colour:	redlilac (RAL 4001)			

Technical data:	DN 650 Drop Cable	DN 650 Trunk Cable	DN 651 Drop Cable	DN 651 Trunk Cable
Item number:	0650-2241	0650-2781	0651-2241	0651-2781
Peak operating voltage:	max. 350 V			
Voltage UL:	30 V			
Testing voltage core/core: core/screen:	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 +60 °C -30/+70 °C -5/+70 °C			
Characteristic impedance:	120 Ω ± 10%			
UL Style:	2560			
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
06502241	DN 650 (Drop Cable)	2 x 0,24 mm ² + 2 x 0,38 mm ²	6,1 - 7,1	41,2	74
06502781	DN 650 (Trunk Cable)	2 x 0,96 mm ² + 2 x 1,53 mm ²	10,4 - 12,4	98,7	166
06512241	DN 651 (Drop Cable)	2 x 0,24 mm ² + 2 x 0,38 mm ²	6,1 - 7,1	16,4	57
06512781	DN 651 (Trunk Cable)	2 x 0,96 mm ² + 2 x 1,53 mm ²	10,4 - 12,4	58,4	116

Other dimensions and colours are possible on request.

E
21