

DeviceNet™ Cables



DN 651 Flexible PVC DeviceNet™ cable with a foil shield and UL recognition

DN 650 Flexible PVC DeviceNet™ cable with a tinned copper shield and UL recognition

Computer Cable AWM Style 2560 60°C 30V CE



Marking for DN 650 6502241:

SAB BRÜCKSKES · D-VIERSEN · DN 650 2x0.24mm²+2x0.38mm² 6502241 24AWG/1pr+22AWG/1pr

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

Construction:	DN 651 Drop Cable	DN 651 Trunk Cable	DN 650 Drop Cable	DN 650 Trunk Cable
Item numbers:	6512241	6512781	6502241	6502781
Dimensions:	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: 0.25 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
Color 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		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:	conductors twisted to pairs stranded with alu foil		conductors twisted to pairs stranded with alu foil	
Stranding:	pairs in specially adjusted layering, tinned copper drain wire in core		pairs in specially adjusted layering, tinned copper drain wire in core	
Shielding:	alu. foil	alu. foil	tinned copper braiding	tinned copper braiding
Wrapping:	non-woven tape	non-woven tape	non-woven tape	non-woven tape
Jacket material:	PVC, TM1 acc. to EN 50363-4-1 + VDE 0207-363-4-1		PVC, TM1 acc. to EN 50363-4-1 + VDE 0207-363-4-1	
Jacket color:	red lilac (RAL 4001)	red lilac (RAL 4001)	red lilac (RAL 4001)	red lilac (RAL 4001)

Technical data:	DN 651 Drop Cable	DN 651 Trunk Cable	DN 650 Drop Cable	DN 650 Trunk Cable
Peak operating voltage:	max. 350 V	max. 350 V	max. 350 V	max. 350 V
Voltage UL:	30 V	30 V	30 V	30 V
Testing voltage: conductor/conductor: conductor/shielding:	1500 V 1200 V	1500 V 1200 V	1500 V 1200 V	1500 V 1200 V
Min. bending radius: fixed installation: free movement:	7.5 x O.D. 15 x O.D.	7.5 x O.D. 15 x O.D.	7.5 x O.D. 15 x O.D.	7.5 x O.D. 15 x O.D.
Temperature range: static: flexible:	UL: up to +60°C -30/+70°C -5/+70°C	UL: up to +60°C -30/+70°C -5/+70°C	UL: up to +60°C -30/+70°C -5/+70°C	UL: up to +60°C -30/+70°C -5/+70°C
Characteristic impedance:	120 Ω ± 10%	120 Ω ± 10%	120 Ω ± 10%	120 Ω ± 10%
UL Style:	2560	2560	2560	2560
Absence of harmful substances:	acc. to RoHS directive of the European Union, see page O/30			

item no.	type	no. of data conductors	no. of power conductors	outer-ø		cable weight ≈ lbs/mft
				inch	mm	
▶ 6512241	DN 651 (Drop Cable)	24 AWG/1pr	22 AWG/1pr	0.260	6.6	38
▶ 6512781	DN 651 (Trunk Cable)	18 AWG/1pr	15 AWG/1pr	0.449	11.4	78
▶ 6502241	DN 650 (Drop Cable)	24 AWG/1pr	22 AWG/1pr	0.260	6.6	50
▶ 6502781	DN 650 (Trunk Cable)	18 AWG/1pr	15 AWG/1pr	0.449	11.4	112

Other dimensions and colors are available on request

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