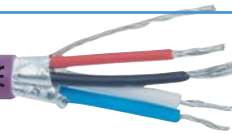


DN 658 highly flexible DeviceNet™ cable with overall copper screen and UL recognition

DN 659 highly flexible DeviceNet™ cable with a static screen and UL recognition

24AWG/1pr+22AWG/1pr AWM Style 20417 60°C 30V CE



Marking for DN 659 06592241:

SAB BRÜCKSKES · D-VIERSEN · DN 659 2x0,24mm²+2x0,38mm² 06592241 24AWG/1pr+22AWG/1pr AWM Style 20417 60°C 30V CE

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| Construction: | DN 658 Drop Cable | DN 658 Trunk Cable | DN 659 Drop Cable | DN 659 Trunk Cable |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 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: 0,24 mm ² tinned copper strands 0,38 mm ² tinned copper strands | fine wires fine wires | --- --- | fine wires fine wires | --- --- |
| Conductor: 0,96 mm ² tinned copper strands 1,53 mm ² tinned copper strands | --- --- | fine wires fine wires | --- --- | fine wires fine wires |
| 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 | | | |
| Wrapping: | non-woven tape | | | |
| Sheath material: | PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with rough surface | | | |
| Sheath colour: | redlilac (RAL 4001) | | | |

| Technical data: | DN 658 Drop Cable | DN 658 Trunk Cable | DN 659 Drop Cable | DN 659 Drop Cable |
|----------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------|-------------------|-------------------|
| Item numbers: | 0658-2241 | 0658-2781 | 0659-2241 | 0659-2781 |
| Peak operating voltage: | max. 350 V | | | |
| Voltage UL: | 30 V | | | |
| Testing voltage core/core: core/screen: | 2000 V 2000 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% | | | |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical Data“ | | | |

| item no. | type | no. of cores mm ² each conductor | outer-ø ± 5% | copper figure kg/km | cable weight ≈kg/km |
|----------|----------------------|------------------------------------------------|-----------------|------------------------|------------------------|
| 06582241 | DN 658 (Drop Cable) | 2 x 0,24 + 2 x 0,38 | 6,1 - 7,1 | 41,2 | 74 |
| 06582781 | DN 658 (Trunk Cable) | 2 x 0,96 + 2 x 1,53 | 10,4 - 12,4 | 98,7 | 183 |
| 06592241 | DN 659 (Drop Cable) | 2 x 0,24 + 2 x 0,38 | 6,1 - 7,1 | 16,4 | 56 |
| 06592781 | DN 659 (Trunk Cable) | 2 x 0,96 + 2 x 1,53 | 10,4 - 12,4 | 58,4 | 115 |

Other dimensions and colours are possible on request.