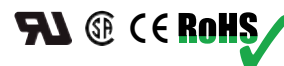


DC 300 DS TP

semi rigid PVC data cable, twisted pairs with double screen



300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



marking example:

SAB BRÖCKSKES · D-VIERSEN · 03840322 DC 300 DS TP 22 AWG/3pr 03842203

AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

Construction:

| | |
|------------------|--|
| Conductor: | tinned copper strands acc. to ASTM B 286 |
| Insulation: | semi-rigid PVC |
| Colour code: | acc. to colour code US 3, see chapter N „Technical data“ |
| Stranding: | cores twisted to pairs, pairs twisted in layers |
| Screen: | double screen, alu foil, tinned copper braiding with tinned drain wire (0,22 mm ²) |
| Sheath material: | PVC |
| Sheath colour: | grey (RAL 7032) |

Outstanding features:

- » very good EMC characteristic
- » small outer diameter
- » small bending radius

Technical data:

| | |
|--------------------------------|---|
| Peak operating voltage: | max. 350 V |
| Voltage UL/CSA: | 300 V |
| Testing voltage: | core/core 2000 V core/screen 2000 V |
| Min. bending radius | |
| fixed laying: | 5 x d |
| flexible application: | 10 x d |
| Radiation resistance: | 8 x 10 ⁷ cJ/kg |
| Temperature range | DIN VDE UL/CSA: up to +80 °C |
| fixed laying: | -30/+70 °C |
| flexible application: | -5/+70 °C |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW1, CSA FT1, FT2 |
| Oil resistance: | acc. to internal standard, see chapter N „Technical data“ |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

| item no. | no. of pairs x cross section n x 2 x AWG | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|------------------------|---------------------------|----------------------------|
| 03840228 | 2 x 2 x 28 | 5,1 | 13,0 | 29 |
| 03840328 | 3 x 2 x 28 | 5,5 | 14,7 | 34 |
| 03840428 | 4 x 2 x 28 | 6,1 | 18,0 | 40 |
| 03840528 | 5 x 2 x 28 | 6,5 | 19,8 | 46 |
| 03840728 | 7 x 2 x 28 | 6,9 | 24,9 | 53 |
| 03841028 | 10 x 2 x 28 | 7,9 | 31,9 | 67 |
| 03841428 | 14 x 2 x 28 | 9,0 | 40,7 | 85 |
| 03841828 | 18 x 2 x 28 | 9,6 | 49,5 | 104 |
| 03842528 | 25 x 2 x 28 | 10,8 | 63,8 | 130 |
| 03840226 | 2 x 2 x 26 | 5,4 | 14,9 | 33 |
| 03840326 | 3 x 2 x 26 | 5,9 | 19,2 | 40 |
| 03840426 | 4 x 2 x 26 | 6,6 | 23,5 | 48 |
| 03840526 | 5 x 2 x 26 | 7,0 | 26,2 | 56 |
| 03840726 | 7 x 2 x 26 | 7,3 | 31,7 | 63 |
| 03841026 | 10 x 2 x 26 | 8,5 | 43,2 | 83 |
| 03841426 | 14 x 2 x 26 | 9,8 | 56,1 | 108 |
| 03841826 | 18 x 2 x 26 | 10,5 | 68,8 | 133 |
| 03842526 | 25 x 2 x 26 | 11,8 | 90,1 | 166 |

| item no. | no. of pairs x cross section n x 2 x AWG | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|------------------------|---------------------------|----------------------------|
| 03840224 | 2 x 2 x 24 | 5,8 | 19,9 | 39 |
| 03840324 | 3 x 2 x 24 | 6,3 | 24,4 | 47 |
| 03840424 | 4 x 2 x 24 | 7,1 | 30,5 | 58 |
| 03840524 | 5 x 2 x 24 | 7,6 | 36,6 | 69 |
| 03840724 | 7 x 2 x 24 | 7,9 | 45,5 | 80 |
| 03841024 | 10 x 2 x 24 | 9,2 | 62,4 | 106 |
| 03841424 | 14 x 2 x 24 | 10,7 | 82,4 | 140 |
| 03841824 | 18 x 2 x 24 | 11,5 | 102,2 | 173 |
| 03842524 | 25 x 2 x 24 | 12,9 | 137,1 | 220 |
| 03840222 | 2 x 2 x 22 | 6,3 | 25,0 | 47 |
| 03840322 | 3 x 2 x 22 | 6,8 | 33,5 | 59 |
| 03840422 | 4 x 2 x 22 | 7,7 | 42,2 | 72 |
| 03840522 | 5 x 2 x 22 | 8,3 | 50,8 | 87 |
| 03840722 | 7 x 2 x 22 | 8,7 | 64,8 | 104 |
| 03841022 | 10 x 2 x 22 | 10,2 | 89,4 | 141 |
| 03841422 | 14 x 2 x 22 | 11,8 | 119,7 | 185 |
| 03841822 | 18 x 2 x 22 | 12,7 | 151,0 | 232 |
| 03842522 | 25 x 2 x 22 | 14,7 | 200,2 | 308 |

Other dimensions and colours are possible on request.