

also available
with color code
DIN 47100

DATA CABLES



SRY D 321 C Semi-rigid PVC data cable with overall copper screen



Marking for SRY D 321 C 03212207:

SAB BRÖCKSKES · D-VIERSEN · 03210722 SRY D 321 C 22 AWG/7c 03212207 AWM Style 2464 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

SRY D 321 C is a UL/CSA approved tinned copper shielded multiconductor signal and control cable. This cable is especially used in medical technologies, scales and low voltage switchboard and machinery, in control and measuring technologies in high sensitive data processing systems or when EMI emissions need to be suppressed for the North American market the conductors of this cable are color coded in acc to US 2.

Construction:

| | |
|-------------------------|---|
| Conductor: | bare copper strands acc. to. ASTM B 286 |
| Insulation: | semi-rigid PVC |
| Color code: | color code US 2 see page N/23 |
| Stranding: | in layers |
| Wrapping: | PETP foil |
| Screen: | tinned copper braiding |
| Jacket material: | PVC, YM1 acc. to DIN VDE 0207 part 5 |
| Jacket color: | gray |

Outstanding features:

- good EMC characteristic
- flexible
- small outer diameter
- small bending radius

Technical data:

| | | |
|---------------------------------------|---|---------------|
| Voltage: | UL/CSA: 300 V | |
| Testing voltage: | 1500 V | |
| Min. bending radius | | |
| <i>fixed installation:</i> | 5 x O.D. | |
| <i>free movement:</i> | 10 x O.D. | |
| Temperature range | DIN VDE | UL/CSA |
| <i>static:</i> | -30/+70 °C | up to +80 °C |
| <i>flexing:</i> | -5/+70 °C | up to +80 °C |
| Burning characteristics: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, CSA FT1 FT2 | |
| Oil resistance: | acc. to internal standard, see page N/25 | |
| Chem. resistance: | see page N/9 | |
| Absence of harmful substances: | acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25 | |

| item no. | no. of conductors | nominal outer- inch | outer- mm | cable weight ≈ lbs/mft |
|------------|-------------------|------------------------|--------------|---------------------------|
| ▶ AWG 26/7 | | | | |
| 03212602 | 2 | 0.161 | 4.1 | 15 |
| 03212603 | 3 | 0.169 | 4.3 | 16 |
| 03212604 | 4 | 0.177 | 4.5 | 17 |
| 03212605 | 5 | 0.185 | 4.7 | 21 |
| 03212607 | 7 | 0.201 | 5.1 | 24 |
| 03212608 | 8 | 0.224 | 5.7 | 30 |
| 03212612 | 12 | 0.244 | 6.2 | 35 |
| 03212616 | 16 | 0.268 | 6.8 | 43 |
| 03212618 | 18 | 0.280 | 7.1 | 48 |
| 03212625 | 25 | 0.323 | 8.2 | 61 |
| ▶ AWG 24/7 | | | | |
| 03212402 | 2 | 0.173 | 4.4 | 17 |
| 03212403 | 3 | 0.181 | 4.6 | 19 |
| 03212404 | 4 | 0.193 | 4.9 | 22 |
| 03212405 | 5 | 0.205 | 5.2 | 26 |
| 03212407 | 7 | 0.217 | 5.5 | 31 |
| 03212408 | 8 | 0.244 | 6.2 | 36 |
| 03212410 | 10 | 0.260 | 6.6 | 40 |
| 03212412 | 12 | 0.268 | 6.8 | 45 |
| 03212416 | 16 | 0.291 | 7.4 | 56 |
| 03212418 | 18 | 0.307 | 7.8 | 62 |
| 03212425 | 25 | 0.362 | 9.2 | 83 |

| item no. | no. of conductors | nominal outer- inch | outer- mm | cable weight ≈ lbs/mft |
|-------------|-------------------|------------------------|--------------|---------------------------|
| ▶ AWG 22/7 | | | | |
| 03212202 | 2 | 0.185 | 4.7 | 19 |
| 03212203 | 3 | 0.193 | 4.9 | 23 |
| 03212204 | 4 | 0.205 | 5.2 | 27 |
| 03212205 | 5 | 0.220 | 5.6 | 32 |
| 03212207 | 7 | 0.236 | 6.0 | 38 |
| 03212208 | 8 | 0.264 | 6.7 | 46 |
| 03212210 | 10 | 0.283 | 7.2 | 52 |
| 03212212 | 12 | 0.291 | 7.4 | 58 |
| 03212216 | 16 | 0.319 | 8.1 | 74 |
| 03212218 | 18 | 0.343 | 8.7 | 83 |
| 03212225 | 25 | 0.398 | 10.1 | 91 |
| ▶ AWG 20/19 | | | | |
| 03212002 | 2 | 0.205 | 5.2 | 25 |
| 03212003 | 3 | 0.213 | 5.4 | 30 |
| 03212004 | 4 | 0.228 | 5.8 | 36 |
| 03212005 | 5 | 0.244 | 6.2 | 42 |
| 03212006 | 6 | 0.264 | 6.7 | 50 |
| 03212007 | 7 | 0.264 | 6.7 | 54 |
| 03212010 | 10 | 0.323 | 8.2 | 73 |
| 03212012 | 12 | 0.335 | 8.5 | 85 |
| 03212018 | 18 | 0.390 | 9.9 | 120 |
| 03212025 | 25 | 0.457 | 11.6 | 160 |

| item no. | no. of conductors | nominal outer- inch | outer- mm | cable weight ≈ lbs/mft |
|-------------|-------------------|------------------------|--------------|---------------------------|
| ▶ AWG 18/19 | | | | |
| 03211802 | 2 | 0.220 | 5.6 | 32 |
| 03211803 | 3 | 0.232 | 5.9 | 38 |
| 03211804 | 4 | 0.248 | 6.3 | 48 |
| 03211805 | 5 | 0.272 | 6.9 | 58 |
| 03211807 | 7 | 0.291 | 7.4 | 73 |
| 03211808 | 8 | 0.339 | 8.6 | 88 |
| 03211812 | 12 | 0.378 | 9.6 | 118 |
| 03211818 | 18 | 0.437 | 11.1 | 169 |
| 03211825 | 25 | 0.528 | 13.4 | 233 |
| ▶ AWG 16/19 | | | | |
| 03211602 | 2 | 0.236 | 6.0 | 32 |
| 03211603 | 3 | 0.244 | 6.2 | 36 |
| 03211604 | 4 | 0.264 | 6.7 | 45 |
| 03211605 | 5 | 0.287 | 7.3 | 56 |
| 03211607 | 7 | 0.311 | 7.9 | 68 |
| 03211608 | 8 | 0.358 | 9.1 | 87 |
| 03211612 | 12 | 0.402 | 10.2 | 106 |

Other dimensions and colors are possible on request.