

Tray & VFD Cables

DC 105 C TP

Shielded, semi-rigid, twisted pair, PVC data cable
Type PLTC, ITC, and CMG

RS 232
24 - 20 AWG

SABTray



AWM I/II A/B 105°C 300V FT4 RoHS CE

Marking for DC 105 C TP DC3332203TP:

SAB North America P/N DC3332203TP 22AWG/3pr (UL) TYPE PLTC or ITC or CMG SHIELDED

105°C (DC 105 CTP) CSA TYPE CMG or AWM I/II A/B 105°C 300V FT4 RoHS CE

Construction:

| | |
|-------------------------|--|
| Conductor: | tinned copper strands |
| Insulation: | |
| 24 - 20 AWG: | semi-rigid PVC |
| 18 - 16 AWG: | PVC/nylon |
| Color code: | color code, chart 3, see page O/27 |
| Stranding: | paired and twisted together in layers with non-wicking fillers |
| Shielding: | double shielding, alu-foil tinned copper braiding and tinned drain wire |
| Jacket material: | PVC |
| Jacket color: | grayish tan (RAL 7032) |

Technical data:

| | |
|---------------------------------------|--|
| Nominal voltage: | 300 V |
| Testing voltage: | 2000 V |
| Min. bending radius: | |
| fixed installation: | 6 x O.D. |
| Temperature range: | -25/+105°C |
| Approvals: | UL: CMG (24 - 16 AWG) PLTC & ITC (22 - 20 AWG) PLTC-ER & ITC-ER (18 - 16 AWG) CSA: CMG/FT4 AWM I/II A/B CE, RoHS |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page O/30 |

Color Code Chart 3:

| Pair no. | color combination |
|----------|--------------------------|
| 1 | black paired with red |
| 2 | black paired with white |
| 3 | black paired with green |
| 4 | black paired with blue |
| 5 | black paired with yellow |
| 6 | black paired with brown |
| 7 | black paired with orange |
| 8 | red paired with white |
| 9 | red paired with green |
| 10 | red paired with blue |
| 11 | red paired with yellow |
| 12 | red paired with brown |
| 13 | red paired with orange |
| 14 | green paired with white |
| 15 | green paired with blue |
| 16 | green paired with yellow |
| 17 | green paired with brown |
| 18 | green paired with orange |
| 19 | white paired with blue |
| 20 | white paired with yellow |
| 21 | white paired with brown |
| 22 | white paired with orange |
| 23 | blue paired with yellow |
| 24 | blue paired with brown |
| 25 | blue paired with orange |

| item no. | no. of pairs | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|-----------------|--------------|-------------------------|------|--------------------------|
| ▶ 24 AWG (7/32) | | | | |
| DC3222401TP* | 1 | 0.190 | 4.8 | 31 |
| DC3222402TP | 2 | 0.246 | 6.2 | 44 |
| DC3222403TP | 3 | 0.258 | 6.6 | 51 |
| DC3222404TP | 4 | 0.292 | 7.4 | 57 |
| DC3222405TP | 5 | 0.307 | 7.8 | 65 |
| DC3222406TP | 6 | 0.328 | 8.3 | 73 |
| DC3222408TP | 8 | 0.351 | 8.9 | 85 |
| DC3222409TP | 9 | 0.373 | 9.5 | 97 |
| DC3222415TP | 15 | 0.460 | 11.7 | 151 |
| ▶ 22 AWG (7/30) | | | | |
| DC3332201TP* | 1 | 0.203 | 5.2 | 32 |
| DC3332202TP | 2 | 0.266 | 6.8 | 50 |
| DC3332203TP | 3 | 0.289 | 7.3 | 63 |
| DC3332204TP | 4 | 0.323 | 8.2 | 71 |
| DC3332205TP | 5 | 0.333 | 8.5 | 80 |
| DC3332206TP | 6 | 0.358 | 9.1 | 90 |
| DC3332208TP | 8 | 0.383 | 9.7 | 107 |
| DC3332209TP | 9 | 0.429 | 10.9 | 128 |
| DC3332211TP | 11 | 0.460 | 11.7 | 154 |
| DC3332215TP | 15 | 0.505 | 12.8 | 188 |

| item no. | no. of pairs | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|--------------------|--------------|-------------------------|------|--------------------------|
| ▶ 20 AWG (≈ 19/32) | | | | |
| DC3332001TP | 1 | 0.220 | 5.6 | 42 |
| DC3332002TP | 2 | 0.305 | 7.7 | 67 |
| DC3332003TP | 3 | 0.321 | 8.2 | 80 |
| DC3332004TP | 4 | 0.345 | 8.8 | 95 |
| DC3332006TP | 6 | 0.422 | 10.7 | 129 |
| DC3332009TP | 9 | 0.482 | 12.2 | 180 |
| DC3332015TP | 15 | 0.572 | 14.5 | 254 |
| ▶ 18 AWG (19/30) | | | | |
| DC3331801TP | 1 | 0.300 | 7.6 | 68 |
| DC3331802TP | 2 | 0.415 | 10.5 | 106 |
| DC3331803TP | 3 | 0.439 | 11.2 | 128 |
| DC3331804TP | 4 | 0.476 | 12.1 | 162 |
| DC3331806TP | 6 | 0.595 | 15.1 | 231 |
| DC3331809TP | 9 | 0.686 | 17.4 | 312 |
| DC3331815TP | 15 | 0.823 | 20.9 | 461 |
| ▶ 16 AWG (26/30) | | | | |
| DC3331601TP | 1 | 0.320 | 8.1 | 78 |
| DC3331602TP | 2 | 0.448 | 11.4 | 124 |
| DC3331603TP | 3 | 0.474 | 12.0 | 162 |
| DC3331604TP | 4 | 0.515 | 13.1 | 192 |

*DC3222401TP & DC3332201TP: black paired with white color code