

Tray & VFD Cables

TR 600 CY Plus

Shielded UV and oil resistant 90°C reduced O.D. flexible tray cable
Type TC-ER, MTW, and WTTT



Type CIC SHIELDED 90°C dry 600V FT1 FT2 FT4 CE



Marking for TR 600 CY Plus 95561807: SAB BRÖCKSKES · D-VIERSEN · TR 600 CY Plus 18AWG/7 95561807 TFFN (UL) Type TC-ER 90°C 600V, Oil Resistant I, Sunlight Resistant, Direct Burial, FT4 (UL) WTTT 90°C 1000V (UL) MTW 600 V AWM Style 21179 600 V c(UL) Type CIC 90°C dry 600V FT1, FT2, FT4 CSA Type CIC Shielded 90°C dry 600V FT1, FT2, FT4 CE

Construction:

| | |
|-------------------------|--|
| Conductor: | bare copper finely stranded class 5 |
| Insulation: | special formulated PVC/Nylon |
| Color code: | black conductors with consecutive white numbers; green/yellow ground from 3 conductors |
| Stranding: | in layers |
| Shielding: | double shield, alu-foil, tinned copper braiding |
| Jacket material: | special oil resistant pressure extruded PVC |
| Jacket color: | black (RAL 9005) |

Technical data:

| | |
|---------------------------------------|--|
| Voltage: | UL-AWM / (UL) / c(UL): 600 V (UL) WTTT / CSA-AWM: 1000 V |
| Testing voltage: | 6000 V |
| Min. bending radius: | <i>fixed installation:</i> 5 x O.D. <i>free movement:</i> 10 x O.D. |
| Radiation resistance: | 8 x 10 ⁷ cJ/kg |
| Temperature range: | UL -AWM (UL) / c(UL) / CSA AWM: up to +105°C up to +90°C <i>static:</i> -25°C |
| Burning characteristics: | (UL) FT4 and c(UL) FT1, FT2, FT4 and CSA FT1, FT2 |
| Oil resistance I: | yes |
| Sunlight resistance: | yes |
| Exposed runs: | yes |
| Direct burial: | yes |
| Machinery area: | yes |
| Approvals: | UL TC-ER, UL MTW, UL WTTT, UR AWM, CSA CIC, CSA AWM, CE, RoHS |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page O/30 |

Outstanding features:



- improved flexibility
- flexible cable for tray use even where sunlight resistance and open wiring is required.
- NFPA 79 for Industrial Machinery
- WTTT: UL subject 2277
- TC: UL subject 1277
- (UL) / c(UL) listed
- Class 1 Div 2 per NEC Article 501.4 (B)

| item no. | no. of conductors incl. ground | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|-----------------|--------------------------------|----------------------|------|-----------------------|
| ▶ 18 AWG | | | | |
| 95561803 | 3 | 0.299 | 7.6 | 58 |
| 95561804 | 4 | 0.323 | 8.2 | 67 |
| 95561805 | 5 | 0.346 | 8.8 | 79 |
| 95561807 | 7 | 0.374 | 9.5 | 97 |
| 95561809 | 9 | 0.461 | 11.7 | 138 |
| 95561812 | 12 | 0.484 | 12.3 | 159 |
| 95561816 | 16 | 0.563 | 14.3 | 214 |
| 95561818 | 18 | 0.598 | 15.2 | 247 |
| 95561819 | 19 | 0.598 | 15.2 | 252 |
| 95561825 | 25 | 0.701 | 17.8 | 323 |
| 95561827 | 27 | 0.701 | 17.8 | 339 |
| 95561837 | 37 | 0.776 | 19.7 | 431 |
| 95561850 | 50 | 0.941 | 23.9 | 603 |
| ▶ 16 AWG | | | | |
| 95561603 | 3 | 0.319 | 8.1 | 68 |
| 95561604 | 4 | 0.346 | 8.8 | 83 |
| 95561605 | 5 | 0.374 | 9.5 | 98 |
| 95561607 | 7 | 0.402 | 10.2 | 122 |
| 95561608 | 8 | 0.469 | 11.9 | 155 |
| 95561609 | 9 | 0.500 | 12.7 | 172 |
| 95561612 | 12 | 0.555 | 14.1 | 217 |
| 95561616 | 16 | 0.618 | 15.7 | 286 |
| 95561618 | 18 | 0.646 | 16.4 | 312 |
| 95561619 | 19 | 0.646 | 16.4 | 320 |
| 95561625 | 25 | 0.760 | 19.3 | 411 |
| 95561627 | 27 | 0.760 | 19.3 | 433 |
| 95561637 | 37 | 0.882 | 22.4 | 592 |
| 95561641 | 41 | 0.941 | 23.9 | 661 |
| 95561650 | 50 | 1.024 | 26.0 | 769 |
| 95561661 | 61 | 1.079 | 27.4 | 898 |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|-----------------|--------------------------------|----------------------|------|-----------------------|
| ▶ 14 AWG | | | | |
| 95561403 | 3 | 0.354 | 9.0 | 88 |
| 95561404 | 4 | 0.382 | 9.7 | 110 |
| 95561405 | 5 | 0.425 | 10.8 | 139 |
| 95561407 | 7 | 0.492 | 12.5 | 182 |
| 95561409 | 9 | 0.598 | 15.2 | 258 |
| 95561412 | 12 | 0.630 | 16.0 | 307 |
| 95561418 | 18 | 0.724 | 18.4 | 424 |
| 95561425 | 25 | 0.898 | 22.8 | 599 |
| ▶ 12 AWG | | | | |
| 95561203 | 3 | 0.406 | 10.3 | 120 |
| 95561204 | 4 | 0.449 | 11.4 | 159 |
| 95561205 | 5 | 0.488 | 12.4 | 189 |
| 95561207 | 7 | 0.610 | 15.5 | 286 |
| ▶ 10 AWG | | | | |
| 95561003 | 3 | 0.484 | 12.3 | 181 |
| 95561004 | 4 | 0.559 | 14.2 | 244 |
| 95561005 | 5 | 0.618 | 15.7 | 308 |
| 95561007 | 7 | 0.720 | 18.3 | 409 |

| item no. | no. of conductors incl. ground | nominal outer-ø inch | mm | cable weight ≈lbs/mft |
|----------------|--------------------------------|----------------------|------|-----------------------|
| ▶ 8 AWG | | | | |
| 95560804 | 4 | 0.717 | 18.2 | 393 |
| 95560805 | 5 | 0.783 | 19.9 | 474 |
| ▶ 6 AWG | | | | |
| 95560604 | 4 | 0.886 | 22.5 | 595 |
| 95560605 | 5 | 0.972 | 24.7 | 726 |
| ▶ 4 AWG | | | | |
| 95560404 | 4 | 1.063 | 27.0 | 878 |
| 95560405 | 5 | 1.173 | 29.8 | 1076 |
| ▶ 2 AWG | | | | |
| 95560204 | 4 | 1.224 | 31.1 | 1235 |
| 95560205 | 5 | 1.354 | 34.4 | 1509 |

Other dimensions and colors are available on request

