

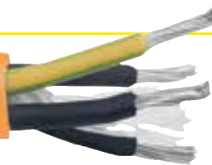
Tray Cables

TR 600 HD Type TC-ER

Heavy Duty Tray Cable

NFPA 79
for industrial machinery

TC PVC/N 600V FT4 CSA AWM I/II A/B 90C 600V FT4 RoHS CE



Marking example:

SAB NORTH AMERICA TR 600 HD 16 AWG 4c P/N 32301604 (UL) TC-ER 90C DRY 75C WET 600V OIL RES I/II SUN RES DIR BUR OR WTTC 1000V OR AWM 21270 105C 600V OR c(UL) CIC-TC PVC/N 600V FT4 CSA AWM I/II A/B 90C 600V FT4 RoHS CE

Construction:

| | |
|------------------|--|
| Conductor: | bare copper strands class K |
| Insulation: | special formulated PVC/Nylon |
| Colour code: | black cores with consecutive white numbers* and green-yellow earth wire *alpha-numeric alternate and inverted, i.e. 1-ONE |
| Stranding: | in layers |
| Sheath material: | TPE |
| Sheath colour: | orange (RAL 2003) also available in grey or black |

Technical data:

| | |
|--------------------------------|--|
| Voltage | 600 V |
| UL-AWM / (UL) / c(UL): | 1000 V |
| (UL) WTTC: | 2000 V |
| Testing voltage: | 2000 V |
| Min. bending radius: | 7,5 x d |
| Temperature: | UL-AWM: up to +105 °C (UL) / c(UL) / CSA-AWM: up to +90 °C |
| fixed laying: | -40 °C |
| Cold Bend Test: | -40 °C |
| Burning characteristics: | (UL) FT4 + c(UL) FT1, FT2, FT4 |
| Oil resistance I & II: | yes |
| Exposed Runs: | yes |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

Outstanding features:

- » Heavy Duty Tray Cable, Control and Instrumentation Cable
- » UL-AWM recognition for +105 °C
- » extreme oil resistant
- » WTTC: UL Subject 2277
- » TC: UL Standard 1277
- » NFPA 79 for industrial machinery
- » c(UL) CIC-TC FT4
- » UL recognized, CSA approval, (UL)/c(UL) listed

Possible on request:
with grey or black outer sheath
as well as blue or red cores

| item no. | dimension AWG | outer-ø ± 10% mm | cable weight ≈ kg/km |
|----------|---------------|------------------|----------------------|
| 32301803 | 18/3c | 7,6 | 82 |
| 32301804 | 18/4c | 8,2 | 99 |
| 32301805 | 18/5c | 8,9 | 117 |
| 32301807 | 18/7c | 9,6 | 149 |
| 32301812 | 18/12c | 12,2 | 233 |
| 32301818 | 18/18c | 15,1 | 363 |
| 32301825 | 18/25c | 17,4 | 474 |
| 32301603 | 16/3c | 8,2 | 104 |
| 32301604 | 16/4c | 8,8 | 120 |
| 32301605 | 16/5c | 9,6 | 143 |
| 32301607 | 16/7c | 10,5 | 247 |
| 32301612 | 16/12c | 13,4 | 291 |
| 32301618 | 16/18c | 16,4 | 446 |
| 32301625 | 16/25c | 18,9 | 588 |
| 32301403 | 14/3c | 9,2 | 131 |
| 32301404 | 14/4c | 10,1 | 137 |
| 32301407 | 14/7c | 12,0 | 251 |
| 32301412 | 14/12c | 16,4 | 442 |

| item no. | dimension AWG | outer-ø ± 10% mm | cable weight ≈ kg/km |
|----------|---------------|------------------|----------------------|
| 32301203 | 12/3c | 10,2 | 178 |
| 32301204 | 12/4c | 11,2 | 223 |
| 32301205 | 12/5c | 12,2 | 271 |
| 32301207 | 12/7c | 13,4 | 357 |
| 32301212 | 12/12c | 18,3 | 625 |
| 32301003 | 10/3c | 12,9 | 266 |
| 32301004 | 10/4c | 15,0 | 369 |
| 32301005 | 10/5c | 16,3 | 443 |
| 32300804 | 8/4c | 19,2 | 573 |
| 32300805 | 8/5c | 21,0 | 692 |
| 32300603 | 6/3c | 19,5 | 634 |
| 32300604 | 6/4c | 22,3 | 863 |
| 32300404 | 4/4c | 26,9 | 1257 |
| 32300405 | 4/5c | 29,9 | 1541 |
| 32300204 | 2/4c | 31,4 | 1903 |
| 32300205 | 2/5c | 34,6 | 2345 |
| 32300104 | 1/4c | 35,6 | 2390 |

Other dimensions and colours are possible on request.