



TRAY CABLES



TR 600 HD Type WTTC Heavy Duty tray cable

CSA Type CIC 90°C dry 600V FT1 FT2 FT4 C



Marking for TR 600 HD 32301604:

SAB NORTH AMERICA TR 600 HD 16 AWG (1.5 mm²) P/N 32301604 (UL) TC-ER 90C DRY 75C WET 600V OIL RES I/II SUN RES DIR BUR SAB 14 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

TR 600 HD is a severe duty motor supply cable for use in applications that require tray cable ratings, flexibility, chemical resistance and extreme oil resistance. This cable can be used without conduit (exposed runs). TR 600 HD is permitted to be used in hazardous (classified) locations class I, Division 2 per NEC Article 501.4 (B), UL Type TC is in acc. to UL standard 1277 and NEC Article 336. Wind turbine power and control cable is intended to be installed in cable trays or raceways within a wind turbine generator.

Construction:

Conductor:	bare copper strands acc. to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5 from 18 AWG - 14 AWG, from 10 AWG - 2 AWG class k in acc. to ASTM B 172
Insulation:	special formulated PVC/Nylon
Color code:	black with numerical print* and one green/yellow earth wire† *Alpha-Numeric Alternate and Inverted, ie: 1-ONE
Stranding:	in layers
Jacket material:	TPE
Jacket color:	orange (also available in gray or black)

Outstanding features:

- ▶ Heavy Duty Tray Cable and Control and Instrumentation Cable
- ▶ UL-AWM recognition for 105 °C
- ▶ Extreme oil resistant
- ▶ New improved with WTTC
- ▶ WTTC: UL Subject 2277
- ▶ TC: UL Standard 1277
- ▶ (UL)/(cUL) listed
- ▶ CSA listed
- ▶ NFPA 79 2012
- ▶ c(UL) CIC-TC FT4

Technical data:

Voltage:	UL-AWM / (UL) / c(UL): 600 V (UL) WTTC: 1000 V
Testing voltage:	4000 V
Min. bending radius:	7.5 x O.D.
Temperature:	UL-AWM: up to +105°C (UL) / c(UL): -40/+90°C
Cold Bend Test:	-40°C
Burning characteristics:	(UL) FT4 and c(UL) FT1, FT2, FT4
Oil resistance I & II:	yes
Exposed Runs:	yes
Alt. Color code:	† Add B at the end of Part No. for Blue Conductors blue conductors with numbers; one white-blue ground wire and green-yellow earth wire † Add R at the end of Part No. for Red Conductors red conductors with numbers; one white-red ground wire and green-yellow earth wire

Available with gray or black jacket as well as Blue and Red Conductors

item no.*	AWG	nominal outer- inch	mm	cable weight ≈ lbs/mft
32301803	18/3c	0.300	7.6	55
32301804	18/4c	0.324	8.2	67
32301805	18/5c	0.349	8.9	79
32301807	18/7c	0.376	9.6	100
32301812	18/12c	0.480	12.2	157
32301818	18/18c	0.596	15.1	244
32301825	18/25c	0.686	17.4	319
32301603	16/3c	0.321	8.2	70
32301604	16/4c	0.348	8.8	81
32301605	16/5c	0.376	9.6	96
32301607	16/7c	0.412	10.5	166
32301612	16/12c	0.527	13.4	196
32301618	16/18c	0.646	16.4	300
32301625	16/25c	0.746	18.9	395
32301403	14/3c	0.364	9.2	88
32301404	14/4c	0.396	10.1	92
32301407	14/7c	0.472	12.0	169
32301412	14/12c	0.644	16.4	297

item no.*	AWG	nominal outer- inch	mm	cable weight ≈ lbs/mft
32301203	12/3c	0.403	10.2	120
32301204	12/4c	0.440	11.2	150
32301205	12/5c	0.479	12.2	182
32301207	12/7c	0.526	13.4	240
32301212	12/12c	0.719	18.3	420
32301003	10/3c	0.506	12.9	179
32301004	10/4c	0.590	15.0	248
32301005	10/5c	0.642	16.3	298
32300804	8/4c	0.756	19.2	385
32300805	8/5c	0.826	21.0	465
32300603	6/3c	0.767	19.5	426
32300604	6/4c	0.879	22.3	580
32300404	4/4c	1.061	26.9	845
32300405	4/5c	1.179	29.9	1035
32300204	2/4c	1.235	31.4	1278
32300205	2/5c	1.363	34.6	1575
32300104	1/4c	1.403	35.6	1605

Other dimensions and colors are possible on request.

†For blue conductors add B at end of P/N, for red add an R.
i.e. 32301404B

E-mail: info@sabcable.com



Web site: www.sabcable.com