



TRAY CABLES



TR 600 C HD Type WTTC Shielded Heavy Duty tray cable



Marking for TR 600 C HD 32401604:

SAB North America TR 600 C HD 16AWG4C SHEILDED P/N 32301604^(UL) TC-ER 90C DRY 75C WET 600V OIL RES I/II SUN RES DIR BUR SAB14 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 $\text{C} \text{€}$

TR 600 C HD is a shielded 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 C 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 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
Inner jacket:	PVC, color black
Screen:	tinned copper braiding, 85% coverage
Jacket material:	TPE
Jacket color:	orange (also available in gray or black)

Outstanding features:

- ▶ Heavy Duty Tray Cable and Control Instrumentation Cable
- ▶ UL-AWM recognition for 105
- ▶ 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): 600V (UL) WTTC: 1000V
Testing voltage:	4000 V
Min. bending radius:	7.5 x O.D.
Temperature:	UL-AWM (UL) / c(UL): up tp +105°C -40/+90°C
Burning	(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

nominal outer-ø cable					nominal outer-ø cable				
item no.	AWG	inch	mm	weight ≈ lbs/mft	item no.	AWG	inch	mm	weight ≈ lbs/mft
32401803	18/3c	0.385	9.7	99	32401625	16/25c	0.882	22.2	569
32401804	18/4c	0.386	9.7	88	32401403	14/3c	0.450	11.3	138
32401805	18/5c	0.433	10.9	126	32401404	14/4c	0.480	12.1	149
32401807	18/7c	0.460	11.6	157	32401407	14/7c	0.584	14.7	257
32401812	18/12c	0.599	15.1	250	32401204	12/4c	0.523	13.2	217
32401818	18/18c	0.700	17.6	352	32401205	12/5c	0.597	15.0	272
32401825	18/25c	0.783	19.7	449	32401004	10/4c	0.698	17.6	366
32401603	16/3c	0.406	10.2	112	32400804	8/4c	0.901	22.7	583
32401604	16/4c	0.413	10.4	107	32400604	6/4c	1.023	25.7	793
32401605	16/5c	0.460	11.6	154	32400404	4/4c	1.204	30.3	1,157
32401607	16/7c	0.490	12.3	182	32400204	2/4c	1.372	34.5	1,572
32401612	16/12c	0.640	16.1	301	32400104	1/4c	1.548	39.0	2,815
32401618	16/18c	0.750	18.9	425					

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. 32401404B

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Web site: www.sabcable.com