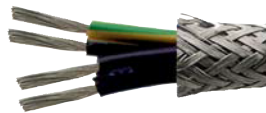




TRAY CABLES



TR 600 Auto C HD Type WTTTC Shielded Heavy Duty tray cable



90°C 1000V AWM Style 21270 10

Marking for TR 600 Auto C HD 32421604:

SAB NORTH AMERICA TR 600 AUTO C HD 16 AWG (1.5mm²) P/N 32421604 (UL) TC-ER 90C DRY 75C WET 600V OIL RES I/II SUN RES DIR BUR SAB14 OR WTTTC 1000V OR AWM 21270 105C 600V c(UL) CIC-TC PVC/N 600V FT4 CSA AWM I/II A/B 90C 600V FT4 RoHS CE

TR 600 Auto C HD is a shielded severe duty continuous flex 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 Auto 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 6 + IEC 60228 class 6 or class m
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
Wrapping:	fleece binder
Screen:	tinned copper braiding (95% coverage)
Separator:	tissue tape
Jacket material:	TPE
Jacket color:	black

Outstanding features:

- ▶ Heavy Duty Tray Cable and Control and Instrumentation Cable
- ▶ UL-AWM 21270 recognized for 105 °C
- ▶ Extreme oil resistant
- ▶ New improved with WTTTC
- ▶ WTTTC: 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) WTTTC: 1000 V
Testing voltage:	4000 V
Min. bending radius	
<i>fixed installation:</i>	5 x O.D.
<i>free movement:</i>	10 x O.D.
<i>continuous flexible:</i>	12 x O.D.
Temperature:	UL-AWM: up to +105°C (UL) / c(UL): -40/+90°C
Cold Bend Test:	-40°C
Burning characteristics:	(UL) Vertical Tray Flame + 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 page N/25
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



Item no.*	AWG	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	Item no.*	AWG	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
32421803	18/3c	0.322	8.2	45	32421403	14/3c	0.381	9.7	108
32421804	18/4c	0.345	8.8	85	32421404	14/4c	0.411	10.4	123
32421807	18/7c	0.425	10.8	120	32421405	14/5c	0.443	11.3	147
32421812	18/12c	0.500	12.7	185	32421407	14/7c	0.515	13.1	185
32421818	18/18c	0.609	15.5	260	32421204	12/4c	0.478	12.1	178
32421825	18/25c	0.714	18.1	307	32421205	12/5c	0.519	13.2	210
32421603	16/3c	0.356	9.0	78	32421004	10/4c	0.613	15.6	280
32421604	16/4c	0.384	9.8	100	32421005	10/5c	0.673	17.1	350
32421605	16/5c	0.394	10.0	127	32420804	8/4c	0.785	19.9	450
32421607	16/7c	0.478	12.1	145	32420604	6/4c	0.914	23.2	630
32421612	16/12c	0.600	15.2	245	32420404	4/4c	1.096	27.8	945
32421618	16/18c	0.669	17.0	337	32420204	2/4c	1.264	32.1	1450
32421625	16/25c	0.883	22.4	541					

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. 32421404B

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Web site: www.sabcable.com