



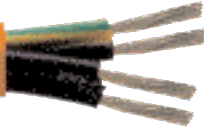
# TRAY CABLES



## 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 BRÖCKSKES · D-VIERSEN · TR 600 HD TFFN

(UL) Type TC-ER 90°C 600V, Oil I/II -40°C FT4 (UL) WTTC 90°C 1000V AWM Style 21237 105°C 600V c(UL) CSA Type CIC 90°C dry 600V FT1 FT2 FT4 C€

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:

<b>Conductor:</b>	tinned 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
<b>Insulation:</b>	special formulated PVC/Nylon
<b>Color code:</b>	black conductors with consecutive white numbers and green-yellow earth wire
<b>Stranding:</b>	in layers
<b>Jacket material:</b>	TPE 356
<b>Jacket color:</b>	orange

### Outstanding features:

- Heavy Duty Tray Cable and Control and Instrumentation Cable
- UL-AWM approved for 105 °C
- Extreme oil resistant
- New improved with WTTC
- WTTC: UL Subject 2277
- TC: UL Standard 1277

### Technical data:

<b>Voltage:</b>	UL-AWM / (UL) / c(UL): 600 V (UL) WTTC: 1000 V
<b>Testing voltage:</b>	4000 V
<b>Min. bending radius:</b>	7.5 x O.D.
<b>Temperature:</b>	UL-AWM: up to +105°C (UL) / c(UL): -40/+90°C
<b>Burning characteristics:</b>	(UL) FT4 and c(UL) FT1, FT2, FT4
<b>Oil resistance I &amp; II:</b>	yes
<b>Exposed Runs:</b>	yes

item no.	AWG	nominal outer- inch	outer- mm	cable weight ≈ lbs/mft
➤ 32301804	18/4c	0.331	8.4	64
➤ 32301604	16/4c	0.358	9.1	80
➤ 32301404	14/4c	0.394	10.0	109
➤ 32301204	12/4c	0.402	11.2	144
➤ 32301004	10/4c	0.563	14.3	229
➤ 32300804	8/4c	0.724	18.4	353
➤ 32300604	6/4c	0.902	22.9	454
➤ 32300404	4/4c	1.079	27.4	810
➤ 32300204	2/4c	1.248	31.7	1160

Other dimensions and colors are possible on request.

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# TRAY CABLES



## TR 600 C HD Type WTTC Shielded Heavy Duty tray cable



CIC SHIELEDDED 90°C dry 600V FT1 FT2 FT4 C

Marking for TR 600 C HD 32401604:

SAB BRÖCKSKES · D-VIERSEN · TR 600 C HD TFFN (UL) Type TC-ER 90°C 600V, Oil I/II -40°C FT4  
(UL) WTTC 90°C 1000V AWM Style 21237 105°C 600V c(UL) CSA Type CIC SHIELEDDED 90°C dry 600V FT1 FT2 FT4 C

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:

<b>Conductor:</b>	tinned 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
<b>Insulation:</b>	special formulated PVC/Nylon
<b>Color code:</b>	black conductors with consecutive white numbers and green-yellow earth wire
<b>Stranding:</b>	in layers
<b>Inner jacket:</b>	PVC, color black
<b>Screen:</b>	tinned copper braiding
<b>Jacket material:</b>	TPE 356
<b>Jacket color:</b>	orange

### Outstanding features:

- Heavy Duty Tray Cable and Control and Instrumentation Cable
- UL-AWM approved for 105 °C
- Extreme oil resistant
- New improved with WTTC
- WTTC: UL Subject 2277
- TC: UL Standard 1277

### Technical data:

<b>Voltage:</b>	<b>UL-AWM / (UL) / c(UL):</b> 600 V <b>(UL) WTTC:</b> 1000 V
<b>Testing voltage:</b>	4000 V
<b>Min. bending radius</b>	
<i>fixed installation:</i>	5 x O.D.
<i>free movement:</i>	10 x O.D.
<b>Temperature:</b>	<b>UL-AWM:</b> up to +105°C <b>(UL) / c(UL):</b> -40/+90°C
<b>Burning characteristics:</b>	(UL) FT4 and c(UL) FT1, FT2, FT4
<b>Oil resistance I &amp; II:</b>	yes
<b>Exposed Runs:</b>	yes

item no.	AWG	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
➤ 32401804	18/4c	0.386	9.8	88
➤ 32401604	16/4c	0.413	10.5	107
➤ 32401404	14/4c	0.457	11.6	149
➤ 32401204	12/4c	0.504	12.8	189
➤ 32401004	10/4c	0.665	16.9	310
➤ 32400804	8/4c	0.870	22.1	497
➤ 32400604	6/4c	1.031	26.2	710
➤ 32400404	4/4c	1.209	30.7	1005
➤ 32400204	2/4c	1.378	35.0	1382

Other dimensions and colors are possible on request.

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