



## TR 600 C HD Type WTTC Heavy Duty Tray Cable with overall copper screen



Marking for TR 600 C HD 32401604:

SAB North America TR 600 C HD 16 AWG (1.5mm<sup>2</sup>) P/N 32401604 (UL) TC-ER 90°C dry, 75°C wet, 600V OIL RES I/II SUN RES DIR BUR OR WTTC 1000V OR AWM 21270 105C600V OR c(UL) CIC-TC PVCN 600V FT4 CSA AWM I/II AB SOC 90C 600V FT4 RoHS CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5 from 18 AWG - 12 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 cores with consecutive white numbers* and green-yellow earth wire *alpha-numeric alternate and inverted, i.e. 1-ONE
<b>Stranding:</b>	in layers
<b>Inner sheath:</b>	PVC, color black
<b>Screen:</b>	tinned copper braiding
<b>Sheath material:</b>	TPE
<b>Sheath color:</b>	orange (RAL 2003) also available in grey or black

### Technical data:

<b>Voltage</b>	600 V
<b>UL-AWM / (UL) / c(UL):</b>	1000 V
<b>(UL) WTTC:</b>	1000 V
<b>Testing voltage:</b>	4000 V
<b>Min. bending radius:</b>	7,5 x d
<b>Temperature:</b>	<b>UL-AWM:</b> up to +105°C <b>(UL) / c(UL):</b> -40/+90°C
<b>Cold Bend Test:</b>	-40°C
<b>Burning characteristics:</b>	(UL) FT4 + c(UL) FT1, FT2, FT4
<b>Oil resistance I &amp; II:</b>	yes
<b>Exposed Runs:</b>	yes
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

### Outstanding features:

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



### Possible on request!

- with grey or black outer sheath
- as well as blue or red cores

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item no.	AWG	outer-ø ± 5% mm	cable weight ≈ kg/km
32401803	18/3c	9,7	147
32401804	18/4c	9,7	131
32401805	18/5c	10,9	187
32401807	18/7c	11,6	233
32401812	18/12c	15,1	372
32401818	18/18c	17,6	524
32401825	18/25c	19,7	742
32401603	16/3c	10,2	166
32401604	16/4c	10,4	159
32401605	16/5c	11,6	229
32401607	16/7c	12,3	271
32401612	16/12c	16,1	488
32401618	16/18c	18,9	632
32401625	16/25c	22,2	846
32401403	14/3c	11,3	205
32401404	14/4c	12,1	221
32401407	14/7c	14,7	382
32401204	12/4c	13,2	323
32401205	12/5c	15,0	404
32401004	10/4c	17,6	544
32400804	8/4c	22,7	868
32400604	6/4c	25,7	1180
32400404	4/4c	30,3	1722
32400204	2/4c	34,5	2339
32400104	1/4c	39,0	4189

Other dimensions and colors are possible on request.