

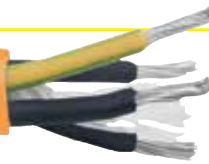
# Tray Cables

## TR 600 HD Type TC-ER

Heavy Duty Tray Cable

**NFPA 79**  
for industrial machinery

TC PVC/N 600V FT4 CSA AWM I/II A/B 90C 600V FT4 RoHS CE



Marking example:

SAB NORTH AMERICA TR 600 HD 16 AWG 4c P/N 32301604 (UL) TC-ER 90C DRY 75C WET 600V OIL RES I/II SUN RES DIR BUR 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

### Construction:

Conductor:	bare copper strands class K
Insulation:	special formulated PVC/Nylon
Colour code:	black cores with consecutive white numbers* and green-yellow earth wire *alpha-numeric alternate and inverted, i.e. 1-ONE
Stranding:	in layers
Sheath material:	TPE
Sheath colour:	orange (RAL 2003) also available in grey or black

### Technical data:

Voltage	UL-AWM / (UL) / c(UL): 600 V	(UL) WTTC: 1000 V
Testing voltage:	2000 V	
Min. bending radius:	7,5 x d	
Temperature:	UL-AWM: up to +105 °C	(UL) / c(UL) / CSA-AWM: up to +90 °C
fixed laying:	-40 °C	
Cold Bend Test:	-40 °C	
Burning characteristics:	(UL) FT4 + 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 chapter N „Technical data“	

### Outstanding features:

- » Heavy Duty Tray Cable, Control and Instrumentation Cable
- » UL-AWM recognition for +105 °C
- » extreme oil resistant
- » WTTC: UL Subject 2277
- » TC: UL Standard 1277
- » NFPA 79 for industrial machinery
- » c(UL) CIC-TC FT4
- » UL recognized, CSA approval, (UL)/c(UL) listed
- » PFAS free

**Possible on request:**  
with grey or black outer sheath  
as well as blue or red cores

item no.	dimension AWG	outer-ø ± 10% mm	cable weight ≈ kg/km
32301803	18/3c	7,6	82
32301804	18/4c	8,2	99
32301805	18/5c	8,9	117
32301807	18/7c	9,6	149
32301812	18/12c	12,2	233
32301818	18/18c	15,1	363
32301825	18/25c	17,4	474
32301603	16/3c	8,2	104
32301604	16/4c	8,8	120
32301605	16/5c	9,6	143
32301607	16/7c	10,5	247
32301612	16/12c	13,4	291
32301618	16/18c	16,4	446
32301625	16/25c	18,9	588
32301403	14/3c	9,2	131
32301404	14/4c	10,1	137
32301407	14/7c	12,0	251
32301412	14/12c	16,4	442

item no.	dimension AWG	outer-ø ± 10% mm	cable weight ≈ kg/km
32301203	12/3c	10,2	178
32301204	12/4c	11,2	223
32301205	12/5c	12,2	271
32301207	12/7c	13,4	357
32301212	12/12c	18,3	625
32301003	10/3c	12,9	266
32301004	10/4c	15,0	369
32301005	10/5c	16,3	443
32300804	8/4c	19,2	573
32300805	8/5c	21,0	692
32300603	6/3c	19,5	634
32300604	6/4c	22,3	863
32300404	4/4c	26,9	1257
32300405	4/5c	29,9	1541
32300204	2/4c	31,4	1903
32300205	2/5c	34,6	2345
32300104	1/4c	35,6	2390

Other dimensions and colours are possible on request.