

Tray Cables

TR 600 C HD Type TC-ER

Heavy Duty Tray Cable with overall copper screen

NFPA 79
for industrial machinery

0V FT4 CSA AWM I/II AB SOC 90C 600V FT4 RoHS CE



Marking example:

SAB NORTH AMERICA TR 600 C HD 16 AWG 4c P/N 32401604 (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
Inner sheath:	PVC, colour black
Screen:	tinned copper braiding
Sheath material:	TPE
Sheath colour:	orange (RAL 2003) also available in grey or black

Outstanding features:

- » Heavy Duty Tray Cable, Control and Instrumentation Cable
- » UL-AWM recognition for +105 °C
- » extreme oil resistant
- » WTTC approval
- » 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

Technical data:

Voltage	600 V
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 fixed laying: -40 °C (UL) / c(UL) / CSA-AWM: up to +90 °C
Cold Bend Test:	-40 °C
Burning characteristics:	(UL) FT4 + c(UL) FT1, FT2, FT4
Oil resistance I:	yes
Exposed Runs:	yes
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

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
32401803	18/3c	9,7	148
32401804	18/4c	10,4	168
32401805	18/5c	10,9	187
32401807	18/7c	11,6	224
32401812	18/12c	15,1	372
32401818	18/18c	17,6	542
32401825	18/25c	19,7	742
32401603	16/3c	10,3	166
32401604	16/4c	10,5	159
32401605	16/5c	11,7	229
32401607	16/7c	12,4	271
32401612	16/12c	16,3	448
32401618	16/18c	19,1	632
32401625	16/25c	22,4	846
32401403	14/3c	11,4	205
32401404	14/4c	12,2	221
32401407	14/7c	14,8	382
32401204	12/4c	13,3	323
32401205	12/5c	15,2	404
32401004	10/4c	17,7	544
32400804	8/4c	23,6	861
32400604	6/4c	26,0	1180
32400404	4/4c	30,6	1723
32400204	2/4c	35,1	2351
32400104	1/4c	39,3	4192

Other dimensions and colours are possible on request.