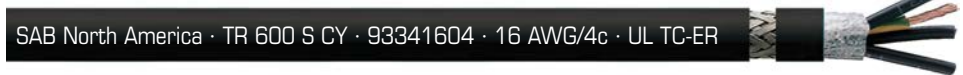


Flexible UV & Oil Resistant Industrial Tray Cables



TR 600 S CY

Shielded UV and oil resistant 90°C flexible PVC tray cable with black numbered conductors, type TC-ER, MTW, WTTTC, and CSA approved



Marking for TR 600 S CY 93341604:

SAB NORTH AMERICA TR 600 S CY 93341604 16 AWG/ 4C (UL) TC-ER 90C DRY/WET 600V SUN RES DIR BUR OIL RES I/II OR WTTTC 1000V OR MTW "FLEXING" OR DP-1 OR AWM 2586 105°C CSA CIC-TC PVC/N 90°C DRY 75°C WET 600V -25°C SR FT4 OR AWM I/II A/B 90C 1000V FT4 RoHS CE

Construction:

Conductor:	bare copper strands, class K (30 AWG multiple strands)
Insulation:	special formulated PVC/Nylon
Color code:	black conductors with consecutive numbers; from 3 conductors: green/yellow ground
Stranding:	in layers
Wrapping:	fleece tape
Shielding:	tinned copper braiding (85% coverage)
Jacket material:	special oil resistant pressure extruded PVC
Jacket color:	black (RAL 9005)

Technical Data:

Voltage UL/UR AWM:	600 V
Voltage CSA:	600 V
Voltage UL WTTTC:	1000 V
Voltage CSA AWM:	1000 V
Testing voltage:	2500 V
Min. bending radius:	
<i>fixed installation:</i>	6 x O.D.
<i>free movement:</i>	8 x O.D.
Temperature range:	UL/CSA: up to +90°C UR AWM: up to +105°C
<i>static:</i>	-40°C
Fire performance:	UL/CSA FT4
Oil resistance:	UL Oil Res I & II
Sunlight resistance:	yes
Exposed runs:	yes
Cold bend test:	-40°C
Direct burial:	suitable
Machinery area:	yes
For flexible application:	very good
Application in track:	not recommended
Approvals:	UL TC-ER, UL MTW, UL WTTTC, UR AWM, CSA CIC-TC, CSA AWM, CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union, see page P/46

Outstanding Features:

- » Flexible stranding for easy installation
- » UL Oil Res I & II - extremely oil resistant
- » NFPA 79 for industrial machinery
- » UL 1277: UL TC-ER (exposed runs)
- » CSA approved for TC
- » Submersible pump (14 AWG ≥ 3 thru 7 cond.)
- » UL 2277: WTTTC: Wind Turbine Tray Cable
- » 90°C Wet rated
- » Class 1 Div 2 per NEC Article 501.4 (B)
- » PFAS free

part number	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
18 AWG				
93341803	3	0.324	8.2	71
93341804	4	0.348	8.8	85
93341805	5	0.373	9.5	95
93341807	7	0.400	10.2	120
93341809	9	0.455	11.6	149
93341812	12	0.504	12.8	185
93341818	18	0.617	15.7	270
93341825	25	0.710	18.0	365
16 AWG				
93341603	3	0.345	8.8	83
93341604	4	0.372	9.4	100
93341605	5	0.400	10.2	116
93341607	7	0.430	10.9	145
93341609	9	0.492	12.5	187
93341612	12	0.579	14.7	245
93341618	18	0.664	16.9	335
93341625	25	0.770	19.6	445

part number	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
14 AWG				
93341403	3	0.388	9.9	108
93341404	4	0.420	10.7	131
93341405	5	0.454	11.5	155
93341407	7	0.490	12.4	190
93341412	12	0.662	16.8	350
93341418	18	0.764	19.4	482
93341425	25	0.924	23.5	701
12 AWG				
93341203	3	0.427	10.8	145
93341204	4	0.464	11.8	178
93341205	5	0.506	12.9	210
93341207	7	0.578	14.7	307
10 AWG				
93341003	3	0.512	13.0	190
93341004	4	0.568	14.4	250
93341005	5	0.643	16.3	350
93341007	7	0.695	17.7	408

part number	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
8 AWG				
93340804	4	0.759	19.3	447
93340805	5	0.827	21.0	532
6 AWG				
93340604	4	0.915	23.2	672
93340605	5	0.936	23.8	766
4 AWG				
93340404	4	1.097	27.9	993
2 AWG				
93340204	4	1.271	32.3	1455

2 conductor cable does not have ground.
UL TC-ER-JP (joist pull) available upon request.
Other dimensions and colors are available on request.