

# Tray & VFD Cables



## TR 600 CY Plus

Shielded UV and oil resistant 90°C reduced O.D. flexible tray cable  
Type TC-ER, MTW, and WTTT



Type CIC SHIELDED 90°C dry 600V FT1 FT2 FT4

Marking for TR 600 CY Plus 95561807: SAB BRÖCKSKES · D-VIERSEN · TR 600 CY Plus 18AWG/7 95561807 TFFN (UL) Type TC-ER 90°C 600V, Oil Resistant I, Sunlight Resistant, Direct Burial, FT4 (UL) WTTT 90°C 1000V (UL) MTW 600 V AWM Style 21179 600 V c(UL) Type CIC 90°C dry 600V FT1, FT2, FT4 CSA Type CIC Shielded 90°C dry 600V FT1, FT2, FT4

### Construction:

<b>Conductor:</b>	bare copper finely stranded class 5
<b>Insulation:</b>	special formulated PVC/Nylon
<b>Color code:</b>	black conductors with consecutive white numbers; green/yellow ground from 3 conductors
<b>Stranding:</b>	in layers
<b>Shielding:</b>	double shield, alu-foil, tinned copper braiding
<b>Jacket material:</b>	special oil resistant pressure extruded PVC
<b>Jacket color:</b>	black (RAL 9005)

### Technical data:

<b>Voltage:</b>	<b>UL-AWM / (UL) / c(UL):</b> 600 V <b>(UL) WTTT / CSA-AWM:</b> 1000 V
<b>Testing voltage:</b>	6000 V
<b>Min. bending radius:</b>	<i>fixed installation:</i> 5 x O.D. <i>free movement:</i> 10 x O.D.
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range:</b>	<b>UL -AWM</b> (UL) / c(UL) / CSA AWM: up to +105°C up to +90°C <i>static:</i> -25°C
<b>Burning characteristics:</b>	(UL) FT4 and c(UL) FT1, FT2, FT4 and CSA FT1, FT2
<b>Oil resistance I:</b>	yes
<b>Sunlight resistance:</b>	yes
<b>Exposed runs:</b>	yes
<b>Direct burial:</b>	yes
<b>Machinery area:</b>	yes
<b>Approvals:</b>	UL TC-ER, UL MTW, UL AWM, UL WTTT, CSA CIC, CSA AWM, CE, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

### Outstanding features:



- improved flexibility
- flexible cable for tray use even where sunlight resistance and open wiring is required.
- NFPA 79 for Industrial Machinery
- WTTT: UL subject 2277
- TC: UL subject 1277
- (UL) / c(UL) listed
- Class 1 Div 2 per NEC Article 501.4 (B)

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 18 AWG</b>				
95561803	3	0.299	7.6	58
95561804	4	0.323	8.2	67
95561805	5	0.346	8.8	79
95561807	7	0.374	9.5	97
95561809	9	0.461	11.7	138
95561812	12	0.484	12.3	159
95561816	16	0.563	14.3	214
95561818	18	0.598	15.2	247
95561819	19	0.598	15.2	252
95561825	25	0.701	17.8	323
95561827	27	0.701	17.8	339
95561837	37	0.776	19.7	431
95561850	50	0.941	23.9	603
<b>▶ 16 AWG</b>				
95561603	3	0.319	8.1	68
95561604	4	0.346	8.8	83
95561605	5	0.374	9.5	98
95561607	7	0.402	10.2	122
95561608	8	0.469	11.9	155
95561609	9	0.500	12.7	172
95561612	12	0.555	14.1	217
95561616	16	0.618	15.7	286
95561618	18	0.646	16.4	312
95561619	19	0.646	16.4	320
95561625	25	0.760	19.3	411
95561627	27	0.760	19.3	433
95561637	37	0.882	22.4	592
95561641	41	0.941	23.9	661
95561650	50	1.024	26.0	769
95561661	61	1.079	27.4	898

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 14 AWG</b>				
95561403	3	0.354	9.0	88
95561404	4	0.382	9.7	110
95561405	5	0.425	10.8	139
95561407	7	0.492	12.5	182
95561409	9	0.598	15.2	258
95561412	12	0.630	16.0	307
95561418	18	0.724	18.4	424
95561425	25	0.898	22.8	599
<b>▶ 12 AWG</b>				
95561203	3	0.406	10.3	120
95561204	4	0.449	11.4	159
95561205	5	0.488	12.4	189
95561207	7	0.610	15.5	286
<b>▶ 10 AWG</b>				
95561003	3	0.484	12.3	181
95561004	4	0.559	14.2	244
95561005	5	0.618	15.7	308
95561007	7	0.720	18.3	409

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 8 AWG</b>				
95560804	4	0.717	18.2	393
95560805	5	0.783	19.9	474
<b>▶ 6 AWG</b>				
95560604	4	0.886	22.5	595
95560605	5	0.972	24.7	726
<b>▶ 4 AWG</b>				
95560404	4	1.063	27.0	878
95560405	5	1.173	29.8	1076
<b>▶ 2 AWG</b>				
95560204	4	1.224	31.1	1235
95560205	5	1.354	34.4	1509

Other dimensions and colors are available on request

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