

# Tray & VFD Cables



## TR 600 Plus

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



Marking for TR 600 Plus 95551641: SAB BRÖCKSKES · D-VIERSEN · TR 600 Plus 16AWG/41 95551641 (UL) Type TC-ER 90°C 600V, Oil Resistant I, Sunlight Resistant, Direct Burial, FT4 (UL) WTTTC 90°C 1000V (UL) MTW 600 V AWM Style 21179 600 V c(UL) Type CIC 90°C dry 600V FT1, FT2, FT4 CSA AWM I/II A/B 90°C 1000V FT1, FT2 CE

### 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>Jacket material:</b>	special sunlight and oil resistant PVC
<b>Jacket color:</b>	black (RAL 9005)

### Technical data:

<b>Voltage:</b>	<b>UL-AWM / (UL) / c(UL):</b> 600 V <b>(UL) WTTTC / CSA-AWM:</b> 1000 V
<b>Testing voltage:</b>	6000 V
<b>Min. bending radius:</b>	<i>fixed installation:</i> 4 x O.D. <i>free movement:</i> 5 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 WTTTC, 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
- WTTTC: UL subject 2277
- TC: UL subject 1277
- (UL) / c(UL) listed
- Class 1 Div 2 per NEC Article 501.4 (B)

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item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 18 AWG</b>				
95551803	3	0.280	7.1	50
95551804	4	0.303	7.7	60
95551805	5	0.327	8.3	71
95551807	7	0.354	9.0	88
95551809	9	0.433	11.0	117
95551812	12	0.457	11.6	137
95551816	16	0.504	12.8	175
95551818	18	0.563	14.3	210
95551819	19	0.563	14.3	216
95551825	25	0.661	16.8	275
95551827	27	0.665	16.9	292
95551837	37	0.740	18.8	380
95551850	50	0.906	23.0	533
<b>▶ 16 AWG</b>				
95551603	3	0.299	7.6	93
95551604	4	0.327	8.3	113
95551605	5	0.354	9.0	134
95551607	7	0.382	9.7	168
95551608	8	0.441	11.2	200
95551609	9	0.472	12.0	224
95551612	12	0.496	12.6	266
95551616	16	0.583	14.8	366
95551618	18	0.610	15.5	405
95551619	19	0.610	15.5	421
95551625	25	0.724	18.4	534
95551627	27	0.724	18.4	569
95551637	37	0.846	21.5	796
95551641	41	0.906	23.0	886
95551650	50	0.988	25.1	1040
95551661	61	1.043	26.5	1231

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 14 AWG</b>				
95551403	3	0.335	8.5	84
95551404	4	0.362	9.2	103
95551405	5	0.398	10.1	123
95551407	7	0.465	11.8	164
95551409	9	0.563	14.3	225
95551412	12	0.594	15.1	269
95551418	18	0.689	17.5	381
95551425	25	0.862	21.9	542
<b>▶ 12 AWG</b>				
95551203	3	0.386	9.8	117
95551204	4	0.421	10.7	145
95551205	5	0.461	11.7	175
95551207	7	0.575	14.6	251
<b>▶ 10 AWG</b>				
95551003	3	0.457	11.6	174
95551004	4	0.500	12.7	218
95551005	5	0.583	14.8	280
95551007	7	0.685	17.4	374

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 8 AWG</b>				
95550804	4	0.681	17.3	374
95550805	5	0.748	19.0	451
<b>▶ 6 AWG</b>				
95550604	4	0.811	20.6	549
95550605	5	0.937	23.8	703
<b>▶ 4 AWG</b>				
95550404	4	1.028	26.1	884
95550405	5	1.138	28.9	1074
<b>▶ 2 AWG</b>				
95550204	4	1.189	30.2	1266
95550205	5	1.319	33.5	1533

Other dimensions and colors are available on request

