

TRAY CABLES



TR 600 black Type TC, MTW and WTTTC UV and oil resistant, flexible Tray Cable and Machine-Tool Cable with black cores



Marking for TR 600 black 02841637:

SAB BRÖCKSKES · D-VIERSEN · TR 600 black 16 AWG/37c 02841637 TFFN (UL) Type TC-ER 90°C 600V, Oil Resistant I, Sunlight Resistant, Direct Burial, FT4 (UL) WTTTC 90°C 1000V (UL) MTW 16 AWG/37c 600V flexing AWM Style 21179 600V c(UL) Type CIC 90°C dry 600V FT1 FT2 FT4 CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228 class 5 and UL standard 758 table 5.1 + UL 1581 table 20.1
Insulation:	special formulated PVC/Nylon
Color code:	black cores with consecutive white numbers; green-yellow earth wire from 3 cores
Stranding:	in layers
Sheath material:	special sunlight and oil resistant PVC
Sheath color:	black (RAL 9005)

Outstanding features:

- Flexible cable for cable tray use
- Oil resistance
- Sunlight resistance
- NFPA 79 for industrial machinery
- New: Improved with WTTTC approval
- WTTTC: UL Subject 2277
- TC: UL Standard 1277

Technical data:

Voltage:	UL-AWM / (UL) / c(UL): 600 V (UL) WTTTC: 1000 V	
Testing voltage:	4000 V	
Min. bending radius <i>fixed laying:</i>	< 12 mm = 3 x d > 12 mm = 4 x d	
<i>flexible application:</i>	< 12 mm = 5 x d > 12 mm = 6 x d	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature : <i>fixed laying:</i>	UL-AWM: up to +105°C -25°C	(UL) / c(UL): up to +90°C
Burning characteristics:	(UL) FT4 and c(UL) FT1, FT2, FT4	
Oil resistance I:	yes	
Sunlight resistance:	yes	
Exposed Runs:	yes	
Direct Burial:	yes	
Machinery Area:	yes	
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/14	

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02841803	3 x 18	0,21	7,7	28,8	83	02841650	50 x 16	0,26	27,1	720,0	1126
02841804	4 x 18	0,21	8,3	38,4	99	02841661	61 x 16	0,26	28,8	878,4	1336
02841805	5 x 18	0,21	9,0	48,0	118	02841403	3 x 14	0,26	9,2	72,0	138
02841807	7 x 18	0,21	9,8	67,2	146	02841404	4 x 14	0,26	10,0	96,0	168
02841809	9 x 18	0,21	11,9	86,4	194	02841405	5 x 14	0,26	10,9	120,0	202
02841812	12 x 18	0,21	12,5	115,2	227	02841407	7 x 14	0,26	11,9	168,0	258
02841816	16 x 18	0,21	14,6	153,6	310	02841409	9 x 14	0,26	15,4	216,0	362
02841818	18 x 18	0,21	15,3	172,8	343	02841412	12 x 14	0,26	16,1	288,0	434
02841819	19 x 18	0,21	15,3	182,4	352	02841418	18 x 14	0,26	18,8	432,0	613
02841825	25 x 18	0,21	18,1	240,0	450	02841425	25 x 14	0,26	23,5	600,0	878
02841827	27 x 18	0,21	18,1	259,2	476	02841203	3 x 12	0,31	10,5	115,2	194
02841837	37 x 18	0,21	20,1	355,2	620	02841204	4 x 12	0,31	11,4	153,6	238
02841850	50 x 18	0,21	24,6	480,0	868	02841205	5 x 12	0,31	12,5	192,0	289
02841603	3 x 16	0,26	8,3	43,2	103	02841207	7 x 12	0,31	14,4	268,8	394
02841604	4 x 16	0,26	9,0	57,6	123	02841003	3 x 10	0,31	12,4	172,8	279
02841605	5 x 16	0,26	9,8	72,0	148	02841004	4 x 10	0,31	14,2	230,4	366
02841607	7 x 16	0,26	10,7	100,8	186	02841005	5 x 10	0,31	15,6	288,0	443
02841608	8 x 16	0,26	12,3	115,2	222	02841007	7 x 10	0,31	17,0	403,2	573
02841609	9 x 16	0,26	13,1	129,6	248	02840804	4 x 8	0,41	18,1	337,9	579
02841612	12 x 16	0,26	14,5	172,8	313	02840805	5 x 8	0,41	19,9	422,4	716
02841616	16 x 16	0,26	16,0	230,4	397	02840604	4 x 6	0,41	22,8	541,4	908
02841618	18 x 16	0,26	16,8	259,2	439	02840605	5 x 6	0,41	25,1	676,8	1099
02841619	19 x 16	0,26	16,8	273,6	453	02840404	4 x 4	0,41	27,4	844,8	1361
02841625	25 x 16	0,26	19,9	360,0	581	02840405	5 x 4	0,41	30,3	1056,0	1656
02841627	27 x 16	0,26	19,9	388,8	616	02840204	4 x 2	0,41	31,5	1305,6	1928
02841637	37 x 16	0,26	23,3	532,8	862	02840205	5 x 2	0,41	34,9	1632,0	2344
02841641	41 x 16	0,26	25,0	590,4	957						

Other dimensions and colours are possible on request.

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