

SD 788 C TP

TPE/TPE 가동&클린룸용 데이터 차폐 케이블(색상식별, Twisted pair)



Marking for Thomas Cable **SAB**^{clean} SD 788 C TP 37880725:
SAB BRÖCKSKES · D-VIERSEN · Thomas Cable **SAB** Clean SD 788 C TP · 7x2x0,25mm² · **CE** RoHS

Construction:		Technical data:	
Conductor:	bare copper strands, especially for continuous flexible applications	Peak operating voltage:	max. 350 V
Insulation:	TPE	Testing voltage:	core/core 1500 V core/screen 1200 V
Colour code:	with reference to DIN 47100	Min. bending radius <i>continuously flexible:</i>	7,5 x d
Stranding:	cores twisted to pairs, pairs twisted with special adjusted layering, wrapped with tape over each layer	Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-40/+70 °C +5/+70 °C
Screen:	tinned copper braiding wrapped with tape	Fire performance:	flame retardant acc. to IEC 60332-1-2
Sheath material:	TPE	Oil resistance:	very good - Oil 60 °C acc. to UL 758
Sheath colour:	black (RAL 9005)	Air cleanliness class 1:	acc. to DIN EN 14644-1 US Federal Standard 209 E
		Absence of harmful substances:	acc. to RoHS directive of the European Union

Outstanding features:

- high abrasion resistance
- small outer diameter
- oil resistant
- good EMC characteristics

item no.	no. of cores x cross section n x 2 x mm ²	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km	DC resistance at 20 °C max. Ω/km
3788-0214	2 x 2 x 0,14	0,11	4,9	16,5	36	139,3
3788-0314	3 x 2 x 0,14	0,11	5,4	23,3	42	139,3
3788-0414	4 x 2 x 0,14	0,11	6,1	25,7	48	139,3
3788-0225	2 x 2 x 0,25	0,11	5,4	25,1	45	78,0
3788-0325	3 x 2 x 0,25	0,11	6,0	30,6	53	78,0
3788-0425	4 x 2 x 0,25	0,11	6,7	37,0	61	78,0
3788-0525	5 x 2 x 0,25	0,11	7,2	44,4	73	78,0
3788-0625	6 x 2 x 0,25	0,11	7,4	49,4	81	78,0
3788-0725	7 x 2 x 0,25	0,11	8,3	59,6	98	78,0
3788-0825	8 x 2 x 0,25	0,11	9,1	64,9	115	78,0
3788-1025	10 x 2 x 0,25	0,11	9,2	74,6	116	78,0
3788-1225	12 x 2 x 0,25	0,11	10,3	104,1	147	78,0
3788-2525	25 x 2 x 0,25	0,11	13,7	181,9	262	78,0
3788-0234	2 x 2 x 0,34	0,11	5,7	29,1	52	57,4
3788-0334	3 x 2 x 0,34	0,11	6,3	38,4	61	57,4
3788-0434	4 x 2 x 0,34	0,11	7,2	46,8	73	57,4
3788-0250	2 x 2 x 0,50	0,11	6,4	38,0	67	39,0
3788-0350	3 x 2 x 0,50	0,11	7,2	51,0	79	39,0
3788-0450	4 x 2 x 0,50	0,11	8,2	67,6	97	39,0
3788-0850	8 x 2 x 0,50	0,11	11,2	134,0	199	39,0
3788-0275	2 x 2 x 0,75	0,11	7,3	51,1	87	26,0
3788-0375	3 x 2 x 0,75	0,11	8,3	75,8	108	26,0
3788-0475	4 x 2 x 0,75	0,11	9,9	113,8	148	26,0

Other dimensions and colours are possible on request.



Cleanroom classification
DIN EN ISO 14644-1
air cleanliness class 1,
US Federal Standard 209 E air
cleanliness class 1.