

NEW!
+ 105 °C

DATA CABLES

DC 105 CTP Semi-rigid, twisted pair, PVC data cable



SAB* P/N DC3332203TP 3/pr 22AWG (UL) TYPE CM SHIELDED

Marking for DC 105 CTP:
SAB* P/N DC3332203TP 3/pr 22AWG (UL) TYPE PLTC or ITC or CM SHIELDED 105°C (DC 105 CTP) CSA TYPE CMG OR AWM I/II A/B 105°C 300V FT4 RoHSCC

DC 105 CTP is a shielded, multi-conductor signal and control cable designed for use with process control instrumentation, computers, data transmission, and office equipment. It has an overall foil tape with drain wire and tinned copper braid that is recommended whenever electrical interference distorts signal transmissions, or when EMI emissions need to be suppressed. DC 105 CTP has finer stranding for improved flexibility and is oil resistant.

Construction:

Conductor:	finely stranded tinned copper conductors
Insulation:	semi-rigid PVC
Stranding:	paired and twisted together in layers with non-wicking fillers
Color code:	color code chart 3
Screen:	double screen, alu-foil, tinned copper braiding and tinned drain wire
Jacket color:	PVC gray

Technical data:

Nominal voltage:	300 V
Testing voltage:	2000 V
Min. bending radius for fixed installation:	5 x O.D.
Temperature range:	-30°C to +105 °C
Approvals:	UL: CM (UL PLTC & ITC 22 - 20 AWG) (UL PLTC-ER & ITC-ER 18- 16 AWG) CSA: CMG/FT4 AWM I/II A/B
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24

item no.	no. of pairs	nominal outer- ϕ inch	nominal outer- ϕ mm	cable weight lbs/mft	item no.	no. of pairs	nominal outer- ϕ inch	nominal outer- ϕ mm	cable weight lbs/mft	item no.	no. of pairs	nominal outer- ϕ inch	nominal outer- ϕ mm	cable weight lbs/mft
* 24 AWG (7/32) 0.25 mm ²					* 22 AWG (7/30) 0.34 mm ²					* 18 AWG (19/30) 1.0 mm ²				
*DC3222401TP	1	0.190	4.8	31	DC3332205TP	5	0.333	8.5	80	DC3331801TP	1	0.300	7.6	68
DC3222402TP	2	0.246	6.2	44	DC3332206TP	6	0.358	9.1	90	DC3331802TP	2	0.415	10.5	106
DC3222403TP	3	0.258	6.6	51	DC3332208TP	8	0.383	9.7	107	DC3331803TP	3	0.439	11.2	128
DC3222404TP	4	0.292	7.4	57	DC3332209TP	9	0.429	10.9	128	DC3331804TP	4	0.476	12.1	162
DC3222405TP	5	0.307	7.8	65	DC3332211TP	11	0.460	11.7	154	DC3331806TP	6	0.595	15.1	231
DC3222406TP	6	0.328	8.3	73	DC3332215TP	15	0.505	12.8	188	DC3331809TP	9	0.686	17.4	312
DC3222408TP	8	0.351	8.9	85	* 20 AWG (19/32) 0.50 mm ²					DC3331815TP	15	0.823	20.9	461
DC3222409TP	9	0.373	9.5	97	DC3332001TP	1	0.220	5.6	42	* 16 AWG (26/30) 1.32 mm ²				
DC3222415TP	15	0.460	11.7	151	DC3332002TP	2	0.305	7.7	67	DC3331601TP	1	0.320	8.1	78
* 22 AWG (7/30) 0.34 mm ²					DC3332003TP	3	0.321	8.2	80	DC3331602TP	2	0.448	11.4	124
*DC3332201TP	1	0.203	5.2	32	DC3332004TP	4	0.345	8.8	95	DC3331603TP	3	0.474	12.0	162
DC3332202TP	2	0.266	6.8	50	DC3332006TP	6	0.422	10.7	129	DC3331604TP	4	0.515	13.1	192
DC3332203TP	3	0.289	7.3	63	DC3332009TP	9	0.482	12.2	180					
DC3332204TP	4	0.323	8.2	71	DC3332015TP	15	0.572	14.5	254					

Color Code Chart 3

pair no.	Color combination	pair no.	Color combination
1	black paired with red	14	green paired with white
2	black paired with white	15	green paired with blue
3	black paired with green	16	green paired with yellow
4	black paired with blue	17	green paired with brown
5	black paired with yellow	18	green paired with orange
6	black paired with brown	19	white paired with blue
7	black paired with orange	20	white paired with yellow
8	red paired with white	21	white paired with brown
9	red paired with green	22	white paired with orange
10	red paired with blue	23	blue paired with yellow
11	red paired with yellow	24	blue paired with brown
12	red paired with brown	25	blue paired with orange
13	red paired with orange		

*DC3222401TP & DC3332201TP: black paired with white color code