

Tray Cables

DC 105 C TP

Shielded, semi-rigid, twisted pair, PVC data cable
Type PLTC, ITC, and CMG

RS 232
24 - 20 AWG



AWM I/II A/B 105°C 300V FT4 RoHS CE

Marking for DC 105 C TP DC3332203TP:

SAB North America P/N DC3332203TP 22AWG/3pr (UL) TYPE PLTC or ITC or CMG SHIELDED

105°C (DC 105 CTP) CSA TYPE CMG or AWM I/II A/B 105°C 300V FT4 RoHS CE

Construction:

Conductor:	tinned copper strands
Insulation:	
24 - 20 AWG:	semi-rigid PVC
18 - 16 AWG:	PVC/nylon
Color code:	color code, chart 3, see page O/27
Stranding:	paired and twisted together in layers with non-wicking fillers
Shielding:	double shielding, alu-foil tinned copper braiding and tinned drain wire
Jacket material:	PVC
Jacket color:	grayish tan (RAL 7032)

Technical data:

Nominal voltage:	300 V
Testing voltage:	2000 V
Min. bending radius:	
fixed installation:	6 x O.D.
Temperature range:	-25/+105°C
Approvals:	UL: CMG (24 - 16 AWG) PLTC & ITC (22 - 20 AWG) PLTC-ER & ITC-ER (18 - 16 AWG) CSA: CMG/FT4 AWM I/II A/B CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Color Code Chart 3:

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

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 24 AWG (7/32)				
DC3222401TP*	1	0.190	4.8	31
DC3222402TP	2	0.246	6.2	44
DC3222403TP	3	0.258	6.6	51
DC3222404TP	4	0.292	7.4	57
DC3222405TP	5	0.307	7.8	65
DC3222406TP	6	0.328	8.3	73
DC3222408TP	8	0.351	8.9	85
DC3222409TP	9	0.373	9.5	97
DC3222415TP	15	0.460	11.7	151
▶ 22 AWG (7/30)				
DC3332201TP*	1	0.203	5.2	32
DC3332202TP	2	0.266	6.8	50
DC3332203TP	3	0.289	7.3	63
DC3332204TP	4	0.323	8.2	71
DC3332205TP	5	0.333	8.5	80
DC3332206TP	6	0.358	9.1	90
DC3332208TP	8	0.383	9.7	107
DC3332209TP	9	0.429	10.9	128
DC3332211TP	11	0.460	11.7	154
DC3332215TP	15	0.505	12.8	188

item no.	no. of pairs	nominal outer-ø inch	mm	cable weight ≈lbs/mft
▶ 20 AWG (≈ 19/32)				
DC3332001TP	1	0.220	5.6	42
DC3332002TP	2	0.305	7.7	67
DC3332003TP	3	0.321	8.2	80
DC3332004TP	4	0.345	8.8	95
DC3332006TP	6	0.422	10.7	129
DC3332009TP	9	0.482	12.2	180
DC3332015TP	15	0.572	14.5	254
▶ 18 AWG (19/30)				
DC3331801TP	1	0.300	7.6	68
DC3331802TP	2	0.415	10.5	106
DC3331803TP	3	0.439	11.2	128
DC3331804TP	4	0.476	12.1	162
DC3331806TP	6	0.595	15.1	231
DC3331809TP	9	0.686	17.4	312
DC3331815TP	15	0.823	20.9	461
▶ 16 AWG (26/30)				
DC3331601TP	1	0.320	8.1	78
DC3331602TP	2	0.448	11.4	124
DC3331603TP	3	0.474	12.0	162
DC3331604TP	4	0.515	13.1	192

*DC3222401TP & DC3332201TP: black paired with white color code