

NEW!
+ 105 °C

DATA CABLES

DC 105 Semi-rigid PVC data cable



SAB * P/N DC3332203 3/C 22AWG (UL) TYPE CM 105°C (DC 105) - CSA T

Marking for DC 105:

SAB* P/N DC3332203 3/C 22AWG (UL) TYPE PLTC or ITC or CM 105°C (DC 105) - CSA TYPE CMG OR AWM I/II A/B 105°C 300V FT4 RoHS CE

DC 105 is an unshielded, multi-conductor signal and control cable recommended for use with computers, data transmission, office equipment, process control equipment and instrumentation. DC 105 has finer stranding for improved flexibility and is oil resistant.

Construction:

Conductor:	finely stranded tinned copper conductors
Insulation:	semi-rigid PVC
Stranding:	twisted together in layers with non-wicking fillers
Color code:	color code chart 2 (26 - 24 AWG) color code chart 4 (22 AWG) color code chart 6 (20- 16 AWG)
Jacket color:	PVC gray

Technical data:

Nominal voltage:	300 V
Testing voltage:	2000 V
Min. bending radius for fixed installation:	4 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

Color Code chart 2

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

chart 4

Color
black
brown
red
orange
yellow
green
blue
violet
gray
white
white/black
white/brown
white/red
white/orange
white/yellow
white/green
white/blue
white/violet
white/gray
white/black/brown
white/black/red
white/black/orange
white/black/yellow
white/black/green
white/black/blue

Color Code chart 6

Conductor no.	Color
1	black
2	red
3	white
4	green
5	orange
6	blue
7	brown
8	yellow
9	violet
10	gray
11	pink
12	tan
13	red/green
14	red/yellow
15	red/black
16	white/black
17	white/red
18	white/green
19	white/yellow
20	white/blue
21	white/brown
22	white/orange
23	white/gray
24	white/violet
25	white/black/red

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight lbs/mft
• 26 AWG (7/34) 0.14 mm²				
DC3222603	3	0.156	4.0	18
DC3222604	4	0.166	4.2	20
DC3222606	6	0.189	4.8	25
DC3222607	7	0.192	4.9	26
DC3222608	8	0.204	5.2	28
DC3222610	10	0.230	5.8	36
DC3222615	15	0.261	6.6	48
DC3222620	20	0.295	7.5	58
DC3222625	25	0.324	8.2	70
• 24 AWG (7/32) 0.25 mm²				
DC3222402	2	0.160	4.1	20
DC3222403	3	0.167	4.2	23
DC3222404	4	0.182	4.6	24
DC3222405	5	0.191	4.9	27
DC3222406	6	0.204	5.2	30
DC3222407	7	0.207	5.3	31
DC3222408	8	0.220	5.6	35
DC3222410	10	0.249	6.3	43
DC3222412	12	0.256	6.5	49
DC3222415	15	0.283	7.2	59
DC3222418	18	0.303	7.7	65
DC3222420	20	0.311	7.9	70
DC3222425	25	0.344	8.7	86
• 22 AWG (7/30) 0.34 mm²				
DC3332202	2	0.178	4.5	22
DC3332203	3	0.190	4.8	25
DC3332204	4	0.202	5.1	29
DC3332205	5	0.213	5.4	34
DC3332206	6	0.228	5.8	40
DC3332207	7	0.231	5.9	41
DC3332208	8	0.245	6.2	46
DC3332210	10	0.289	7.3	60
DC3332212	12	0.297	7.5	67
DC3332215	15	0.317	8.1	79
DC3332218	18	0.339	8.6	87
DC3332220	20	0.348	8.8	94
DC3332225	25	0.385	9.8	117
DC3332230	30	0.430	10.9	143
DC3332240	40	0.475	12.1	184
DC3332250	50	0.517	13.1	221

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight lbs/mft
• 20 AWG (19/32) 0.50 mm²				
DC3332002	2	0.196	5.0	29
DC3332003	3	0.205	5.2	35
DC3332004	4	0.220	5.6	42
DC3332006	6	0.228	5.8	52
DC3332007	7	0.256	6.5	55
DC3332008	8	0.275	7.0	62
DC3332009	9	0.303	7.7	75
DC3332010	10	0.325	8.3	80
DC3332012	12	0.335	8.5	92
DC3332015	15	0.358	9.1	110
DC3332020	20	0.415	10.5	143
DC3332025	25	0.459	11.7	184
• 18 AWG (19/30) 1.0 mm²				
DC3331802	2	0.276	7.0	45
DC3331803	3	0.290	7.4	58
DC3331804	4	0.313	8.0	70
DC3331805	5	0.339	8.6	78
DC3331806	6	0.366	9.3	91
DC3331807	7	0.367	9.3	98
DC3331808	8	0.395	10.0	110
DC3331809	9	0.423	10.7	124
DC3331810	10	0.457	11.6	144
DC3331812	12	0.472	12.0	164
DC3331815	15	0.507	12.9	194
DC3331818	18	0.579	14.7	244
DC3331820	20	0.595	15.1	263
DC3331825	25	0.662	16.8	325
DC3331850	50	0.904	23.0	621
• 16 AWG (26/30) 1.32 mm²				
DC3331602	2	0.296	7.5	54
DC3331603	3	0.312	7.9	68
DC3331604	4	0.337	8.6	83
DC3331605	5	0.366	9.3	95
DC3331606	6	0.396	10.1	109
DC3331607	7	0.397	10.1	119
DC3331608	8	0.428	10.9	134
DC3331609	9	0.459	11.7	160
DC3331610	10	0.497	12.6	174
DC3331612	12	0.513	13.0	199
DC3331615	15	0.584	14.8	261
DC3331618	18	0.629	16.0	297
DC3331620	20	0.647	16.4	330
DC3331625	25	0.721	18.3	400

