

Tray & VFD Cables

DC 105 C

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



CMG OR AWM I/II A/B 105°C 300V FT4 RoHS CE



Marking for DC 105 C DC3332204S:

SAB North America P/N DC3332204S 22AWG/4c (UL) TYPE PLTC OR ITC OR CMG SHIELDED 105°C (DC 105 C) CSA TYPE CMG OR AWM I/II A/B 105°C 300V FT4 RoHS CE

Construction:

Conductor:	tinned copper strands
Insulation:	
26 - 20 AWG:	semi-rigid PVC
18 - 16 AWG:	PVC/nylon
Color code:	
26 - 24 AWG:	color code, chart 2, see page O/27
22 AWG:	color code, chart 4, see page O/28
20 - 16 AWG:	color code chart 6, page O/28
Stranding:	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 (26 - 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

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Color Code Chart 2:

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

Color Code Chart 4:

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

Color Code Chart 6:

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

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
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▶ 26 AWG (7/34)

DC3222602S	2	0.180	4.6	27
DC3222603S	3	0.186	4.7	30
DC3222604S	4	0.196	5.0	32
DC3222605S	5	0.207	5.3	34
DC3222606S	6	0.219	5.6	37
DC3222607S	7	0.221	5.6	39
DC3222608S	8	0.231	5.9	43
DC3222610S	10	0.258	6.6	51
DC3222615S	15	0.289	7.3	66
DC3222618S	18	0.307	7.8	70
DC3222625S	25	0.343	8.7	88

▶ 24 AWG (7/32)

DC3222403S	3	0.197	5.0	35
DC3222404S	4	0.209	5.3	36
DC3222405S	5	0.221	5.6	39
DC3222406S	6	0.234	5.9	45
DC3222407S	7	0.236	6.0	46
DC3222408S	8	0.248	6.3	51
DC3222409S	9	0.261	6.6	56
DC3222410S	10	0.288	7.3	62
DC3222412S	12	0.288	7.3	67
DC3222415S	15	0.312	7.9	80
DC3222418S	18	0.332	8.4	86
DC3222420S	20	0.340	8.6	92
DC3222425S	25	0.372	9.4	111

item no.	no. of conductors	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈lbs/mft
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▶ 22 AWG (7/30)

DC3332203S	3	0.210	5.3	40
DC3332204S	4	0.224	5.7	43
DC3332205S	5	0.237	6.0	49
DC3332206S	6	0.252	6.4	54
DC3332207S	7	0.260	6.6	57
DC3332208S	8	0.267	6.8	61
DC3332210S	10	0.312	7.9	77
DC3332212S	12	0.320	8.1	86
DC3332215S	15	0.339	8.6	99
DC3332218S	18	0.362	9.2	110
DC3332220S	20	0.371	9.4	118
DC3332225S	25	0.433	11	150

▶ 20 AWG (≈ 19/32)

DC3332002S	2	0.220	5.6	42
DC3332003S	3	0.229	5.8	51
DC3332004S	4	0.244	6.2	59
DC3332006S	6	0.289	7.3	73
DC3332008S	8	0.307	7.8	85
DC3332010S	10	0.348	8.8	102
DC3332015S	15	0.380	9.7	135
DC3332020S	20	0.437	11.1	169
DC3332025S	25	0.481	12.2	213

▶ 18 AWG (19/30)

DC3331803S	3	0.314	8.0	79
DC3331804S	4	0.337	8.6	92
DC3331806S	6	0.390	9.9	116

▶ 16 AWG (26/30)

DC3331603S	3	0.336	8.5	93
DC3331604S	4	0.361	9.2	111
DC3331606S	6	0.420	10.7	139

Other dimensions and colors are available on request