

PVC FESTOON CABLE

UL/CSA Festoon Cable 600V / 2000V 105° C / VW1 / FT1



Construction

Conductors:	Flexible Stranded Bare Copper Conductors
Insulation:	PVC
Jacket:	Yellow PVC (black on request)
Color:	1. Black 2. Red 3. Blue 4. Orange 5. Yellow 6. Brown 7. Red/Black 8. Blue/Black 9. Orange/Black 10. Yellow/Black 11. Brown/Black 12. Black/Red

Features

- Flat flexible construction
- Rated for indoor and outdoor use
- Durable Oil Resistant Outer Jacket
- (UL) VW-1 / CSA FT1 – Rated -40° C to 90° C

Approvals

- (UL) Festoon 600V 105° C
- (UL) AWM 600V 105°
- CSA Festoon 600V 105° C

Technical details

Temperature range:	-40° C to 105° C (static), -10° C to 70° C (dynamic)
AC Voltage Rating:	600 V/2000V Peak
Bend Radius:	5x Cable Thickness

Application

Designed for power and control applications. Bridge and Gantry Festoon.

UNSHIELDED

Part Number	N. of Cores	Conductor AWG	Conductor Stranding	Insulation Thickness Inch (mm)	OD H x W Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity
7021404 7021404BLK	4	14	105/34	0.0385 (0.98)	0.240 x 0.690 (6.10 x 17.53)	140 (208)	27
7021204 7021204BLK	4	12	65/30	0.032 (0.81)	0.230 x 0.710 (5.84 x 18.03)	167 (248)	33
7021004 7021004BLK	4	10	105/30	0.031 (0.79)	0.270 x 0.880 (6.86 x 22.35)	253 (376)	44
7020804 7020804BLK	4	8	168/30	0.046 (1.17)	0.365 x 1.190 (9.27 x 30.23)	400 (595)	60
7020604	4	6	266/30	0.062 (1.57)	0.430 x 1.450 (10.92 x 36.83)	622 (926)	82
7020404	4	4	413/30	0.062 (1.57)	0.486 x 1.656 (12.34 x 42.06)	875 (1302)	104
7020204	4	2	665/30	0.062 (1.57)	0.558 x 1.959 (14.17 x 49.76)	1275 (1897)	142
7021205 7021205BLK	5	12	65/30	0.030 (0.76)	0.219 x 0.845 (5.56 x 21.46)	199 (296)	23
7021005 7021005BLK	5	10	105/30	0.031 (0.79)	0.270 x 1.080 (6.86 x 27.43)	299 (445)	31
7021608 7021608BLK	8	16	65/34	0.031 (0.79)	0.200 x 1.100 (5.08 x 28.19)	175 (260)	14
7021408 7021408BLK	8	14	105/34	0.0385 (0.98)	0.240 x 1.334 (6.10 x 33.88)	258 (384)	19
7021208 7021208BLK	8	12	65/30	0.032 (0.81)	0.230 x 1.340 (5.84 x 34.04)	313 (466)	23
7021612 7021612BLK	12	16	65/34	0.031 (0.79)	0.200 x 1.605 (5.08 x 40.77)	263 (391)	14
7021412 7021412BLK	12	14	105/34	0.0335 (0.85)	0.240 x 1.950 (6.10 x 49.53)	364 (542)	19

SHIELDED

Individually shielded conductors with 36AWG shield of tinned copper (90% coverage) and 3 Nylon Ripcords

Jacket: 0.55" (PVC)

Temperature: -40° C to 105° C (Static) -10° C to 70° C (Dynamic)

Bend Radius: 4x Cable Thickness.

Part Number	N. of Cores	Conductor AWG	Conductor Stranding	Insulation Thickness Inch (mm)	OD H x W Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity
7031604 7031604BLK	4	16	65/34	0.031 (0.79)	0.225 x 0.700 (5.7 x 17.8)	175 (260)	14
7031608 7031608BLK	8	16	65/34	0.031 (0.79)	0.270 x 1.450 (6.9 x 36.8)	320 (470)	14
7031612 7031612BLK	12	16	65/34	0.031 (0.79)	0.270 x 2.100 (6.86 x 53.34)	470 (699)	14