

Festoon

PVC/PVC, Thermoplastic Extreme Flexing Festoon Control and Power
600 V, UL/CSA Type Festoon



Product Construction:

Conductor:

- 16 AWG thru 2 AWG fully annealed stranded bare copper per ASTM B3
- Class M - 16 AWG
- Class K - 14 AWG thru 2 AWG
- Stranding per ASTM B8

Insulation:

- Flame-retardant Polyvinyl Chloride (PVC)
- Color-coded per ICEA Method 1, Table E-2 (does not include white or green). All with alpha-numeric designations

Jacket:

- Flame-retardant Polyvinyl Chloride (PVC), yellow or black

Print:

- E-24573 PVC T-XXXXX 105°C 600 V VW-1 (UL)-FESTOON CABLE OUTDOOR XX/C XX/AWG-CSA LL9755 105°C 600 V FT1

Applications:

- Cranes and hoists
- Festooning systems
- Track systems
- Robots
- Conveyors
- Telescoping jetways

Features:

- Rated at 105°C
- Designed for continuous extreme flexing applications
- Anti-coiling in festoon applications
- Small bending radii
- Flat construction allows for stacking
- Oil- and chemical-resistant
- Indoor or outdoor use
- Meets cold bend test at -55°C

Compliances:

- Industry Compliances:**
 - UL listed/CSA certified flat festoon cable
- Flame Test Compliances:**
 - UL VW-1/CSA FT1
- Other Compliances:**
 - EPA 40 CFR, Part 261 for leachable lead content per TCLP method
 - OSHA Acceptable

Packaging:

- Material cut to length and shipped on non-returnable wood reels

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	MINIMUM AVG. INSULATION THICKNESS		MINIMUM AVG. JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
16 AWG CONDUCTORS													
‡245310*	4	16	65W	0.030	0.76	0.035	0.89	0.200 x 0.580	5.1 x 14.73	31.92	47.05	91	135
419630*	4	16	65W	0.030	0.76	0.035	0.89	0.200 x 0.580	5.1 x 14.73	31.92	47.05	91	135
‡245320*	8	16	65W	0.030	0.76	0.035	0.89	0.200 x 1.110	5.1 x 28.20	63.84	95.00	173	257
404010*	8	16	65W	0.030	0.76	0.035	0.89	0.200 x 1.110	5.1 x 28.20	63.84	95.00	173	257
‡245330*	12	16	65W	0.030	0.76	0.035	0.89	0.200 x 1.605	5.1 x 40.77	95.76	142.50	253	377
404020*	12	16	65W	0.030	0.76	0.035	0.89	0.200 x 1.605	5.1 x 40.77	95.76	142.50	253	377
14 AWG CONDUCTORS													
‡245340*	4	14	41W	0.030	0.76	0.035	0.89	0.210 x 0.710	5.33 x 18.54	51.52	76.67	116	173
404030*	4	14	41W	0.030	0.76	0.035	0.89	0.210 x 0.710	5.33 x 18.54	51.52	76.67	116	173
‡245350*	8	14	41W	0.030	0.76	0.035	0.89	0.210 x 1.175	5.33 x 29.85	103.04	153.33	224	333
404090*	8	14	41W	0.030	0.76	0.035	0.89	0.210 x 1.175	5.33 x 29.85	103.04	153.33	224	333
‡245360*	12	14	41W	0.030	0.76	0.035	0.89	0.210 x 1.700	5.33 x 43.18	154.56	230.00	330	491
403990*	12	14	41W	0.030	0.76	0.035	0.89	0.210 x 1.700	5.33 x 43.18	154.56	230.00	330	491
12 AWG CONDUCTORS													
‡245370*	4	12	65W	0.030	0.76	0.035	0.89	0.230 x 0.710	5.84 x 18.54	83.04	123.57	160	238
404040*	4	12	65W	0.030	0.76	0.035	0.89	0.230 x 0.710	5.84 x 18.54	83.04	123.57	160	238
‡245380*	5	12	65W	0.030	0.76	0.035	0.89	0.230 x 0.865	5.84 x 21.97	103.80	154.47	195	290
238800*	5	12	65W	0.030	0.76	0.035	0.89	0.230 x 0.865	5.84 x 21.97	103.80	154.47	195	290
‡365680*	7	12	65W	0.030	0.76	0.035	0.89	0.230 x 1.340	5.84 x 34.04	145.32	216.25	271	403
404080*	7	12	65W	0.030	0.76	0.035	0.89	0.230 x 1.340	5.84 x 34.04	145.32	216.25	271	403
‡245390*	8	12	65W	0.030	0.76	0.035	0.89	0.230 x 1.650	5.84 x 41.91	166.08	247.14	307	457
404330*	8	12	65W	0.030	0.76	0.035	0.89	0.230 x 1.650	5.84 x 41.91	166.08	247.14	307	457
10 AWG CONDUCTORS													
‡245400*	4	10	105W	0.030	0.76	0.045	1.14	0.270 x 0.880	6.86 x 22.35	132.32	196.91	241	359
404000*	4	10	105W	0.030	0.76	0.045	1.14	0.270 x 0.880	6.86 x 22.35	132.32	196.91	241	359
8 AWG CONDUCTORS													
‡245410*	4	8	168W	0.045	1.14	0.045	1.14	0.365 x 1.190	9.27 x 30.23	212.40	316.07	405	603
406320*	4	8	168W	0.045	1.14	0.045	1.14	0.365 x 1.190	9.27 x 30.23	212.40	316.07	405	603
6 AWG CONDUCTORS													
‡245420*	4	6	266W	0.060	1.52	0.045	1.14	0.430 x 1.450	10.92 x 36.83	332.88	495.36	612	911
404050*	4	6	266W	0.060	1.52	0.045	1.14	0.430 x 1.450	10.92 x 36.83	332.88	495.36	612	911
‡332010*	5	6	266W	0.060	1.52	0.045	1.14	0.430 x 1.735	10.92 x 44.07	416.10	619.20	747	1112
434680*	5	6	266W	0.060	1.52	0.045	1.14	0.430 x 1.735	10.92 x 44.07	416.10	619.20	747	1112
4 AWG CONDUCTORS													
‡245440*	4	4	420W	0.060	1.52	0.045	1.14	0.490 x 1.690	12.45 x 42.93	560.00	833.34	750	1116
404060*	4	4	420W	0.060	1.52	0.045	1.14	0.490 x 1.690	12.45 x 42.93	560.00	833.34	750	1116
2 AWG CONDUCTORS													
‡245450*	4	2	665W	0.060	1.52	0.045	1.14	0.560 x 1.955	14.23 x 49.66	852.00	1267.86	1273	1894
404070*	4	2	665W	0.060	1.52	0.045	1.14	0.560 x 1.955	14.23 x 49.66	852.00	1267.86	1273	1894

Dimensions and weights are nominal; subject to industry tolerances.

* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

‡ Indicates black jacketed cables.



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