

Neoprene Flat Cable

Neoprene Flat Cable is used for festoon systems mounted on cranes, hoists, and other machines that might have substantial variations in their lateral and transverse motions. Neoprene is also used for systems that need to resistance oil and/or need to flex well in low temperatures. The Neoprene jacket is rated at -40° C to 90° C and includes a UV inhibitor for outdoor use. The insulation is ethylene propylene rubber (EPR) and rated at 90° C.

# of Cond	AWG	Ampacity at 30° C*	Part No.	Strands per Conductor	Thickness (in.)	Width (in.)	Wt lb/ft	Wt kg/m
4	2	142	131120-F4G35UL	276	0.69	2.09	1.46	2.18
4	4	113	131120-F4G25UL	750	0.58	1.81	0.99	1.47
4	6	86	131120-F4G16UL	480	0.51	1.52	0.74	1.11
4	8	64	131120-F4G10UL	300	0.44	1.31	0.52	0.78
4	10	46	131120-F4G6UL	175	0.39	1.10	0.36	0.54
4	12	36	131120-F4G4UL	210	0.36	0.98	0.27	0.40
4	14	27	131220-F4G2,5UL	130	0.31	0.81	0.19	0.28
8	14	18	131220-F8G2,5UL	130	0.31	1.50	0.34	0.51
8	16	12	131220-F8G1,5UL	77	0.25	1.26	0.23	0.34
12	14	15	131220-F12G2,5UL	130	0.32	2.16	0.54	0.80
12	16	10	131220-F12G1,5UL	77	0.28	1.87	0.37	0.55

* These capacities are a general guide to conductor size selections. They are not intended to supersede NEC or ICEA ampacity tables. Neoprene Cable is not suitable for festoon applications below -35° C

We sell flat cable in full spools - contact the factory for details.

Cable Connector Assemblies

Cable Connectors for Flat Neoprene Cable are used to terminate the cable at the power source or junction box. Connector has an aluminum body and rubber bushing.



# of cond	AWG	Cable Part No.	NPT Size (in)	Connector Part No.
4	2	131120-F4G35UL	2.50	XA-562685
4	4	131120-F4G25UL	2.50	XA-562685
4	6	131120-F4G16UL	2.00	XA-35838
4	8	131120-F4G10UL	1.50	XA-35838B
4	10	131120-F4G6UL	1.50	XA-562683
4	12	131120-F4G4UL	1.25	XA-35837
4	14	131220-F4G2,5UL	1.00	XA-35835C
8	14	131220-F8G2,5UL	2.00	XA-35838B
8	16	131220-F8G1,5UL	1.25	XA-35837
12	14	131220-F12G2,5UL	2.50	XA-562447
12	16	131220-F12G1,5UL	2.00	XA-35838