Flat festoon cables serve extreme temperature applications

Cicoil’s Festoon Cables are designed for continuous flexing and extreme temperature applications (-65°C to +260°C). Ideal in overhead crane, gantry and material handling systems, these UV resistant cables are an excellent alternative to PVC and Neoprene jacketed flat cables that do not provide reliability in severe environment and harsh weather conditions.

Cicoil’s exclusive crystal-clear silicone encapsulation is tear-resistant, needs no external “armor” or conduit for protection, and will not deform or wear during a lifetime of more than 10 million cycles, even under tight bending radius and high speed flexing conditions. Unlike most other flat festoon cables, Cicoil’s unique silicone extruded cables are unaffected when exposed to flames (UL 94 V-0), extreme heat, ice, snow, salt water, acid rain, coarse sand, shock, vibration, sunlight and most chemicals. For applications that require abrasion and adhesion resistance, Cicoil offers anti-friction coating options by request.

Cicoil’s proprietary extrusion process allows multiple conductors to be placed in a flat cable, precisely controlling the spacing of the wires, the jacket thickness and the overall cable shape. The flat construction allows for stacking multiple cables where space is at a premium.

Standard "off the shelf" Festoon Cables (4 AWG to 28 AWG) are available from stock and custom designs incorporating shielded wires or signal pairs, tubing for air or fluid transfer, and Cicoil’s patented Strip Mount™ fastening strip are available with minimum lead times.

Cicoil’s Festoon Cables are UL Recognized, CE Conforming, RoHS Compliant and are

manufactured in an automated, climate controlled environment.

Visit www.cicoil.com [1] for more information, or call 661-295-1295 to speak to an application engineer.

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[1] http://www.cicoil.com