

SiliFlex Ribbon Cable

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FEATURES:

- Extremely flexible
- Forms easily
- Compatible with most connectors
- Components separate readily
- Easily terminated

GENERAL DESCRIPTION

SiliFlex Ribbon Cable is produced from high strand round copper conductors that are individually insulated with Silicone rubber. They are then laid parallel and bonded in an extremely flexible flat form. With this flat configuration, the mechanical load applied to the cable is distributed over the total width of the cable. This allows for improved heat dissipation and greater flex life performance over traditional round cables. It is not necessary to separate the ribbon wires prior to termination but if this is desired, the components can be separated and will still maintain the electrical, physical and mechanical features of the discrete components.

As with any round wire, conventional braided shielding or served shield can be incorporated into this flat configuration. Many construction variations are available and it is possible to select a cable with a mixture of gauge sizes and types; such as shielded and unshielded wires and shielded and unshielded pairs and triads.

APPLICATIONS

- Computer hardware hook-up • Aircraft • Industrial Automation
- Where flexibility and high flex life are required • Tested at several million flexes without breakage • High temp resistant (150-200 °C)

CAPABILITIES

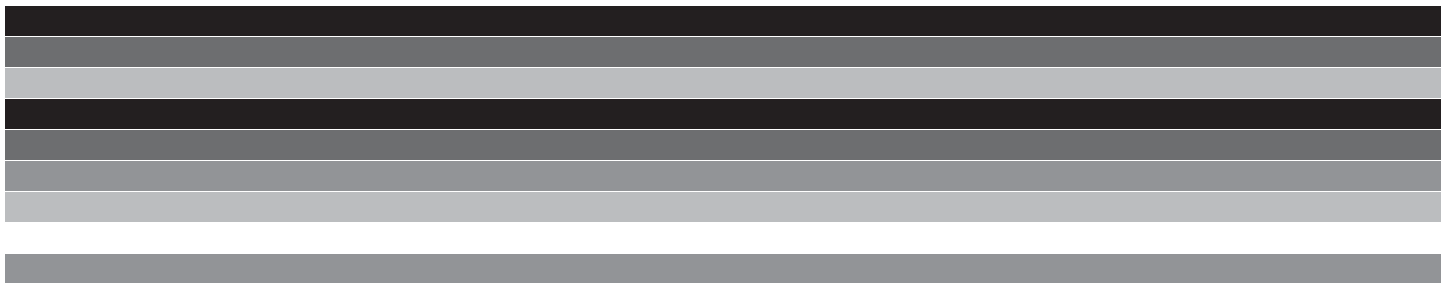
- Conductor size: 20 AWG - 40 AWG • Diameter of component: 0.200 inch max.
- Cable width: 4.0 inches max. • Number of conductors: 50

COLOR AVAILABILITY

White is the preferred color, but the ten basic colors per MIL-STD-681 are available and can be repeated throughout the cable as required.

MILITARY APPROVAL

This cable is manufactured in accordance with, and can be certified to meet, the applicable requirements of MIL-W-16878, Type F.



HOW TO ORDER SILIFLEX RIBBON CABLE

SRC SILIFLEX RIBBON CABLE	-N NUMBER OF CONDUCTORS	-AAAAA CONDUCTOR SIZE First two digits denote AWG, last three denotes number of strands	-C COLORS Per EIA color code	-CCC CONDUCTOR TYPE Available in a full range of bare, plated and alloy conductors
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