



WOVEN CABLE SOLUTIONS

ADVANCED DESIGNS, SIMPLE SOLUTIONS

Providing customized interconnect solutions for your application

Even the most advanced technologies depend on reliable cables.

Since the 1950s, Collins Woven Electronics has been designing and weaving cables. Our experts work with you and within your required specifications to deliver the woven cable solutions your application needs.

With nearly unlimited configurations, we can design a woven cable solution

that offers cost-effective improvements that save space, weight and cost. From abrasion resistance to multidimensional bendability, our advanced designs fit most applications and environments.

We design woven cable solutions to meet your most difficult routing or bending challenges. Our products include multi-layer cable, stacked, high flex, interconnected assemblies and much more. Abrasion protection is also available. At Collins Aerospace, we are committed to delivering the most advanced woven cable designs and integrated solutions in the industry.



KEY FEATURES & BENEFITS

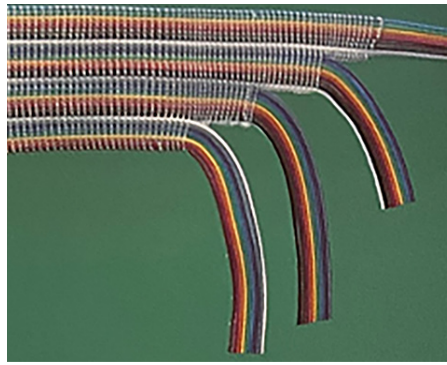
- Unique applications
- High flex areas
- Tight routing locations
- Used in high abrasion areas
- Custom packaging solutions
- Space/weight savings
- Increased density
- Bendable in multiple dimensions
- Provides abrasion resistance

Types of woven cables



MULTI-LAYER CABLES

Stackweaving compacts pairs into multi-layered cable, up to six layers, keeping flexibility



BREAKOUTS

Can be woven into the cable with loops for continuous run or cut at specified lengths with 0.1" accuracy



ROUND TO FLAT

Customized weave pattern with reinforced critical points, strain relief tabs and abrasion resistance finishes



STACKED/SQUARE

Woven for space savings where a round cable will not fit the assembly



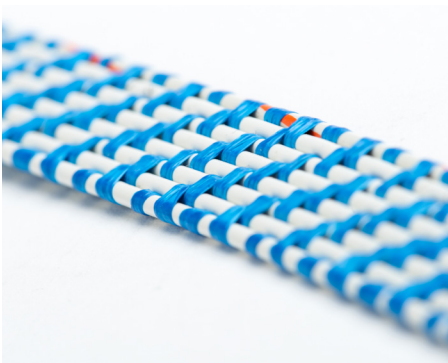
COVERED CABLE

Woven over braid completed in the loom for all wire configurations



MANIPULATED

Straight run cables can be hand manipulated outside of the loom to meet specific shapes



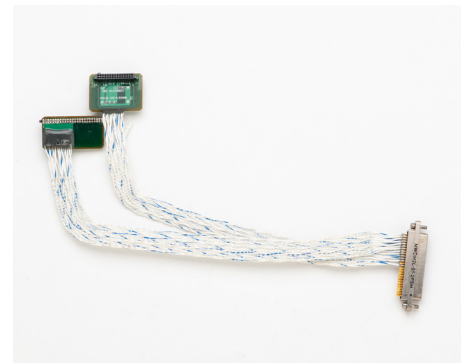
STRAIGHT RUN

Straight woven cable, available in twill or standard, for a wide range of applications



POWER DISTRIBUTION

Cables up to 10 AWG can be woven in unique configurations



TERMINATION

All woven designs can be terminated per customer requirements, in-house and fully tested.

Specifications subject to change without notice.



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