

PIC Wire & Cable

Look of quality



With nearly four decades of excellence, PIC Wire & Cable has earned the reputation of providing high quality avionic cables, connectors, assemblies and other products to its many loyal customers around the world.

The AS9100-certified supplier, based in Sussex, Wis., was founded in 1970. PIC is the designer, manufacturer and supplier of Databus, Ethernet, Coax, Triax, and Composite Cables and Assemblies. Most cables are stocked and ready to ship the same day. These cables are ideal for use in the harsh environments of an aircraft, integrating such systems as TCAS, GPS, satcom, radar, displays and In-Flight Entertainment. PIC works with a wide variety of customers ranging from the general aviation community to the commercial aircraft world to the military and NASA.

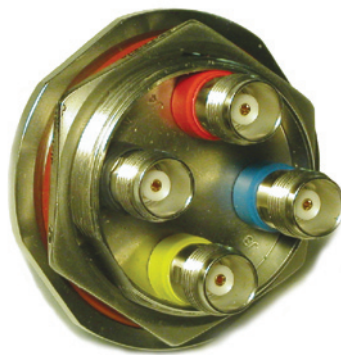
PIC's Products

PIC has a wide variety of aviation cables, related connectors and assemblies to offer. It also has the reputation of working with its customers to design custom cables. By visiting their Website, you can find a wealth of information such as cable product bulletins, FAR Part 25 Burn Tests, Connector Specs, Termination Instructions, Tooling Information and very informative White Papers on cable materials and electrical design features.

PIC offers:

- 50 and 75 ohm light-weight coax and triax cables (Some less than half the weight as RG type) and connectors
- Databus cables — ARINC 429, Mil-Std-1553, ASCB/TTP (Time Trigger Protocol)
- Ethernet Cat 5e, Cat 6 cables and connectors
- 100 ohm low skew video (RGB replacement) cables
- USB 2.0 cables and connectors
- High-frequency coax cables and connectors up to 20 GHz.

- PIC also offers innovative designs such as the "QUAD" bulkhead feedthru connector.



"Our products are known for their innovation and, more importantly, consistent superior quality. Certain materials will not be used regardless of cost savings. If a material would pass a cursory industry test, but does not meet our standard for long-term performance and safety, it will not be considered. We are a small company and being so, involve our customers in the product design process, to deliver the most effective product with minimal lead times," said Jim Griffin, owner and president of PIC.

Featured Superior Products:

- E51424 is a new light-weight 100BASE-T Star Quad Ethernet cable designed to be terminated with ARINC 600 or D38999 quadaxial connectors. Each conductor has a foamed FEP insulation, making the cable lightweight and easier to terminate, and providing superior electrical performance compared to its competition.
- E50824 is a 4 pair, 8 conductor 1000 Base-T Cat 6, Gigabit Ethernet cable which can be used up to 240'.

Because of the innovative design of the center spline, this cable has excellent Near-End Cross Talk (NEXT) properties and also maintains 100 Ohms impedance, yet keeping the conductors to a minimal size. An assortment of RJ-45 plugs and jacks are available.

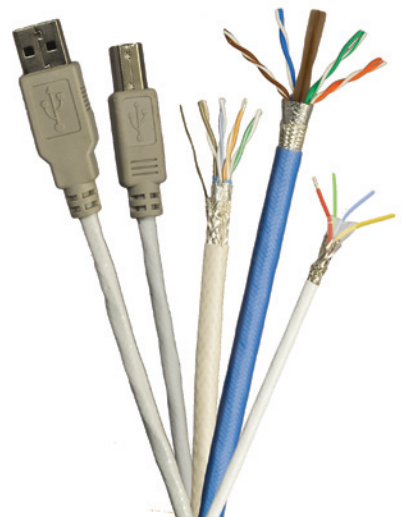
- DVI50824 is a 4 pair, 8 conductor cable ideal for replacing RGB (Red, Green, Blue) bundled coax cable for video displays. A low skew between the pairs (0.67 ns max/100 feet) ensures this cable will provide superior, sharp video quality.

• USB2422 is PIC's USB 2.0 cable. The 100 percent foil and 80 percent minimum braid shield and an ETFE laser markable jacket makes this cable ideal for aircraft applications.

PIC has available USB "A" and "B" type connectors for this cable.

As an innovator with more than 35 years of industry experience, PIC will continue to work with its many loyal customers and new customer base, providing existing and new, quality products for the aviation community.

Visit their Website or contact PIC directly for more information and experience for yourself why customers find solutions and results that help.



Contact Information

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