**Expert in Micro-D connectors**

As a specialist in advanced interconnect solutions, Axon’ Cable has extensive experience in micro-miniature solutions based on the highly reliable Twist Pin contact technology.

By its very design, the Micro-D connector system meets all the requirements of robustness, durability, low contact resistance, high current, dielectric strength, shock and vibration.

With a 0.27 mm (.050") contact spacing, Micro-D connectors, half the pitch of D-Sub connectors, represent an excellent solution for saving both space and weight. In addition to a complete range of QPL qualified Micro-D connectors to MIL-DTL-83513, Axon’ also offers Micro-D PCB connectors and cable assemblies in both metal and plastic bodied versions.

In addition to circular and rectangular Micro-D connectors and assemblies, Axon’ Cable offers Nano-D connectors and jumpers compliant to the MIL-DTL-32139 specification.

**About Axon’ Cable**

Headquartered in the beautiful Champagne region of France, Axon’ is a worldwide leader in specialist interconnect. The company excels in the design and manufacture of wires, cables, terminated harnesses and interconnect solutions for high technology applications.

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**Applications**

**Research Centres**  |  **Avionics**  |  **Launchers**  |  **Satellites**  |  **Mega-constellations**  |  **Any space-constrained equipment where rapid integration is a must**

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**How does the D-Click® system work?**

A very quick connection / disconnection:

▲ Latch-posts on one connector serve as guide pins into the shell of the mating connector, on which two latch springs then trap the waisted latch-posts for a very fast and reliable connection.

▲ Just squeeze the D-Click® latch springs together to disconnect.

Axon’ Cable has enlarged their range of highly reliable Micro-D connectors by developing D-Click® fast latching connectors. Equipped with an easy-to-use mating and latching system, this range of Micro-D connectors enables a much faster installation during harness integration. D-Click connectors are available from 9 to 37 ways.

The D-Click® Micro-D connector range includes:

▲ Pigtail & PCB connectors.

▲ Backshells.

▲ Custom designed connectors.

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**Why choose D-Click® fast latching connectors?**

▲ No hardware and no tooling required for the connection: time-saving solution for harness integration.

▲ Very easy to move from standard Micro-D technology to D-Click® connectors: no mechanical changes required to either the PCB layout or to equipment panel cut-outs.

▲ The D-Click® latching system can make it easier to use Micro-D technology in systems where gaining access with tools could be difficult.

▲ These low-insertion-force connectors equipped with Twist Pin contacts exceed all the standard performance requirements of MIL-DTL-83513.

▲ The D-Click® latching system has been tested according to a qualification test plan based on both ESA and MIL requirements and is particularly specified where integration time is of the essence.