



## Mouser Electronics and Mobix Labs Sign Global Distribution Deal

January 19, 2022



### ***Mouser Now Shipping Mobix Labs' True Xero Active Optical Cables***

Irvine, Calif., January 19, 2022 – [Mouser Electronics](#), Inc. announces a global distribution agreement with [Mobix Labs Inc.](#), a fabless RF component and active optical cable company focused on next-generation connectivity technologies. According to the agreement, Mouser now offers customers access to Mobix Labs' antenna solutions, analog/RF semiconductors, and the company's line of True Xero™ HDMI and USB active optical cables (AOCs) and optical transceivers.

Mobix Labs' True Xero line of AOCs combine the high speed and power of a fiber optic cable into an easy-to-install, lightweight, flexible solution that offers a true plug-and-play experience, as well as full compatibility with HDMI and USB applications over long distances. The cables use a combination of copper wires and optical fibers to join the electrical connectors on each end of the cable. This improves speed and bandwidth transmission distances with a thin cable that is flexible and lightweight.

[True Xero USB 3.2 Type-C to Type-C AOCs](#) are designed for connecting newer peripheral devices using small USB Type-C connectors, with cable lengths up to 5 m. [True Xero HDMI 2.0 hybrid AOCs](#) are designed for Pro-AV 4K video and audio with superior performance, supporting data rates up to 18 Gbps. The cables are available with lengths up to 100 m with a bend radius of 5 mm. [True Xero USB 3.2 Type-A to Type-A](#) male-to-male cables are designed for extending office devices with data rates up to 10 Gbps, and support USB 2.0. The cables are available in lengths up to 40 m.

Mobix Labs' [MCA110](#) SMT antenna supports Wi-Fi 6E applications, offering a frequency range of 5.925 GHz to 7.125 GHz. The antenna has a wide radiation pattern that allows maximum coverage, with high average total efficiency that reduces power consumption. The chip antenna's small 11 mm × 7.25 mm × 3.0 mm footprint makes it ideal for conserving board space in a variety of Wi-Fi 6E designs.

To learn more about Mobix Labs products now available from Mouser, visit <https://www.mouser.com/manufacturer/mobix-labs/>.

### **About Mobix Labs Inc.**

Mobix Labs Inc. provides True Xero™ latency connectivity solutions for 5G wireless and high bandwidth cable networks. The company develops ultra-compact, highly integrated, single-chip, single-die, CMOS-based mmWave beamformers, antenna solutions and RF/mixed signal semiconductors necessary for mmWave 5G and next-generation wireless products. The company also develops hybrid active optical cables, transceivers and optical engines for the data center, home entertainment and consumer electronics markets. For more information, visit <https://www.mobixlabs.com>.

### **About Mouser Electronics**

Mouser Electronics, a Berkshire Hathaway company, is an authorized semiconductor and electronic component distributor focused on New Product Introductions from its leading manufacturer partners. Serving the global electronic design engineer and buyer community, the global distributor's website, [mouser.com](https://www.mouser.com), is available in multiple languages and currencies and features more than

5 million products from over 1,100 manufacturer brands. Mouser offers 27 support locations worldwide to provide best-in-class customer service in local language, currency and time zone. The distributor ships to over 630,000 customers in 223 countries/territories from its 1 million-square-foot, state-of-the-art distribution facilities in the Dallas, Texas, metro area. For more information, visit <https://www.mouser.com/>.

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