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HYPERLABS Expands 145 GHz Component Line with New HL8818 Broadband Termination

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Content

LOUISVILLE, Colo. — September 15, 2026 — [HYPERLABS](#), a leading manufacturer of ultra-broadband RF and signal integrity components, has expanded its 0.8 mm, 145 GHz component series with the introduction of the HL8818 Broadband 50 Termination.

Designed for next-generation high-frequency test and measurement environments, the HL8818 provides a matched 50 load from DC to 145 GHz. The termination is designed for use on unused or unterminated ports, helping reduce unwanted signal reflections that can affect measurement accuracy at increasingly high frequencies.

The HL8818 joins HYPERLABS' growing series of 0.8 mm components engineered to extend usable bandwidth to 145 GHz. The product line addresses increasing bandwidth requirements across high-speed digital, signal integrity, RF, mmWave, semiconductor, and advanced research applications as engineers characterize devices and interconnects beyond traditional 110 GHz measurement limits.

As data rates and measurement bandwidths continue to increase, every component in the test path becomes more critical. Broadband terminations provide a matched load for unused ports, helping engineers maintain signal integrity and minimize measurement artifacts in complex high-frequency test configurations.

The HL8818 complements HYPERLABS' existing 145 GHz attenuators, DC blocks, and balun, providing engineers with additional building blocks for ultra-broadband test configurations using the emerging 0.8 mm connector interface.

HYPERLABS was the first manufacturer to introduce a series of 0.8 mm components operating to 145 GHz, extending its long-standing focus on ultra-broadband components for advanced test and measurement applications.

The HL8818 Broadband 50 Termination is available now.

For specifications, pricing, quotes, or application support, visit the [HYPERLABS 145 GHz product series page](#) or contact sales@hyperlabs.com.

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About Us:

Heading : About HYPERLABS, Inc.

HYPERLABS designs and manufactures ultra-broadband RF and microwave components and test instrumentation for high-speed data, signal integrity, and advanced measurement applications. Its product portfolio includes baluns, bias tees, DC blocks, attenuators, pick-off tees, power dividers, terminations, amplifiers, and test instruments engineered for broadband performance. HYPERLABS designs and manufactures its products in the USA. Learn more at <https://www.hyperlabs.com/>.