



MicroHarmonics

OT034

Come to IMS and see our new orthomode transducer!
220-330 GHz, 0.5 dB IL, 45 dB isolation.

VA080

Our third fullband voltage variable attenuator in WR-8 (90-140 GHz) will be available in June.

OT080 & OT051

Two more fullband OMT's will be released this summer: WR-8 (90-140 GHz) and WR-5.1 (140-220 GHz).

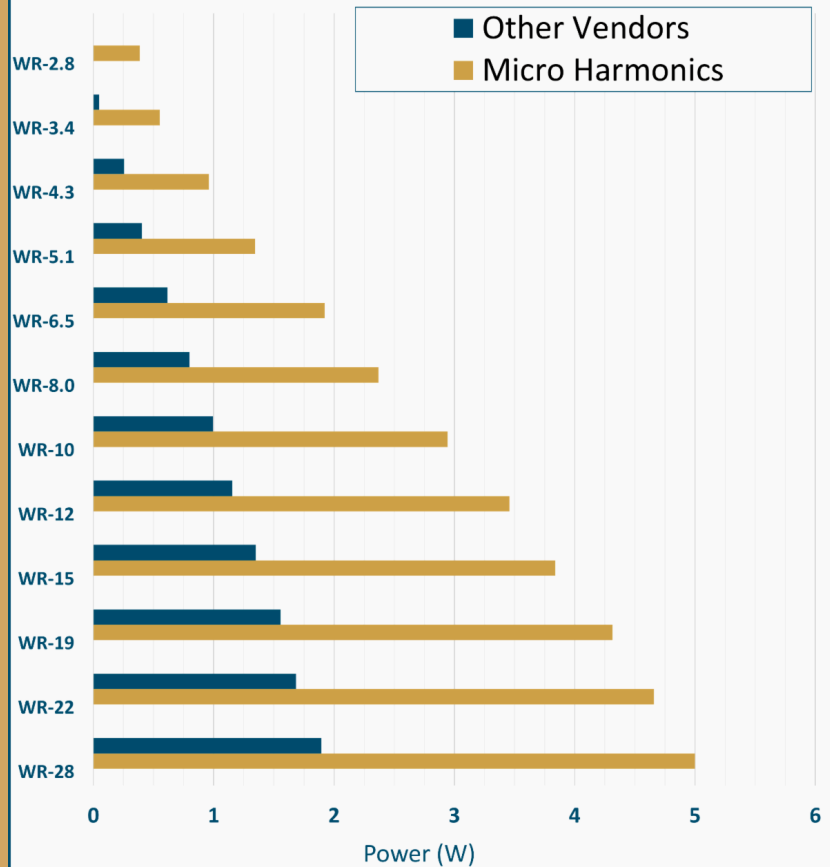
The Hidden Role of Isolators in Millimeter-Wave Power Amplifiers

Traditional isolators add significant insertion loss and lack efficient thermal pathways. This limitation results in reduced dynamic range, elevated internal temperatures, and restrictive power handling capabilities.

Learn how Micro Harmonics' isolators can help overcome these challenges and extend the life of your system.

[Read the article here](#) →

Isolator Reverse Power Rating



↓ Lowest Insertion Loss

⚡ Highest Power Rating

🗄️ RF Test Data for Every Unit

A New Chapter at Micro Harmonics

David Porterfield, Micro Harmonics' founder and subject matter expert, has officially retired from his full-time role. However, his unparalleled expertise and passion for innovation continue to shape MHC, as he remains actively involved in new product development.

[You can read the press release here.](#)

A mm-Wave Circulator with High Transmitter and Receiver Isolation (Part 2)

A leading manufacturer advertises a triple junction circulator with more than 35 dB isolation over 92-98 GHz. However, on closer inspection, we find that the isolation of the receiver from the transmitter is actually less than 20 dB, a fundamental limitation in the Y-junction technology.

[Continue to learn more here](#)



IMS 2025

Go to the main aisle and look to the end.
You can't miss us! We will have live
demos of our full band voltage variable



EuMW 2025

We'll be in Utrecht, the Netherlands, for
EuMW 2025 in September. Come see us

attenuator in WR-6.5 and our new
orthomode transducer in WR-3.4.

and meet our European distributor, RF
Com, in booth D109.

[Learn more](#)

[Learn more](#)



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New to our Newsletter? Sign up here to get connected!

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