

Kaelus Launches New DBC0115 Diplexer

Hayden, ID (August 16, 2017) — Kaelus announced today the launch of the DBC0115 low/high diplexer. This dual band combiner combines the 555-960MHz and 1695-2690MHz frequency bands and can be installed at either the Base station or Antenna end of the feeder. The DBC0115 provides low insertion loss and high return loss with very low passive intermodulation performance in a small and lightweight IP67 capable package.

“The DBC0115 offers a traditional low/high diplexer function with 600MHz low channel and band 41 2600MHz high channel capability with DC Autosense functionality in a small volume and lightweight package” said Brian Wixon, Product Line Manager. “Being only 1L in volume while weighing only 3.5lbs for a single unit and offering LED visual status DC Autosense capability, the DBC0115 is the latest example of how Kaelus is committed to offering our customers with superior performing solutions.”

Offering low insertion loss of 0.2dB maximum (0.1dB typical), high return loss of ≥ 20 dB, channel-to-channel isolation of ≥ 50 dB, and 250W CW/2000W PEP power handling, the DBC0115 low/high diplexer utilizes an efficient filter solution resulting in a physically smaller/lighter physical package. The DBC0115 is available with hard wired or DC Autosense DC/AISG pass through options, with DC Autosense available with and without visual LED status LED's. The DBC0115 comes standard with 4.3/10-F long neck connectors and offers low 3rd order PIM performance of -160dBc maximum with 2x 20W carriers.

Product Features:

- Designed for multi-band, co-located sites
- Multiple DC/AISG pass-through configurations available
- Low PIM of -160dBc maximum w/2x 20W carriers
- Single and twin configurations available
- Suitable for outdoor and indoor applications
- Wall or mast mounting
- CDMA, UMTS and LTE ready

For additional information on the DBC0115 diplexer or to request a quote, please contact [Kaelus](#) or your Kaelus representative.

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About Kaelus

Kaelus, an Infinite Electronics company, is a recognized leader in test and measurement instruments, cell-site filters, combiners and tower mounted amplifiers. Kaelus was formed in 2010 by the combination of four entities each with a legacy of excellence in filtering technology. Kaelus continues to provide the telecommunications industry with high-quality, low PIM products that enable effective global communication.

Kaelus' experience and understanding of the RF environment enables it to excel by developing technically differentiated offerings that are defining the next generation of network performance. For more information, visit www.kaelus.com.

About Infinite Electronics

Based in Irvine, Calif., Infinite Electronics offers a broad range of RF components, assemblies, and wired | wireless connectivity solutions, serving the aerospace, defense, industrial, government, consumer electronics, rail, instrumentation, medical and telecommunications markets.

Operating under the Pasternack, Fairview Microwave, L-com, MilesTek, KP Performance Antenna, Aiconics, Kaelus, PolyPhaser, Transtector and RadioWaves brands, Infinite Electronics serves a global engineering customer base with deep technical expertise and one of the broadest inventories of products available for immediate shipment.

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