Coaxial Isolators for mmWave 5G Infrastructure

8/22/2019 – San Jose, California: RFMW announces design and sales support for a series of coaxial, mmWave, 5G isolators from DiTom Microwave. The D3I2731Q isolator covers Ka-band frequencies from 27 to 31 GHz with 20 dB of isolation. A single-junction design, insertion loss is only 0.6 dB maximum, preserving precious power in the mmWave bands. Average power handling is 5W (2W reflected power). The D3I2731Q is offered with 2.4 mm female connectors having a maximum VSWR of 1.25:1 and are available with any combination of male or female connectors on the input/output. 2.92 mm (K) connectors are also an option. With operating temperatures from -20 to +65 degrees C, these isolators are suitable for in-box applications or bench-top testing applications. The isolator body measures 0.5 x 0.7” and weighs only 0.9 ounces. RFMW offers a range of DiTom isolators from 26.5 to 43.5 GHz in both narrow and wide-band frequency ranges.

Samples are available for qualified requirements through RFMW at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the contact page on the RFMW web site.

About RFMW

RFMW is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

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