QMA Cable Assembly with Verifiable Low PIM Performance for DAS Applications

LTE networks are more acute in decreased system performance due to interference caused by Passive Intermodulation (PIM) in Distributed Antenna Systems (DAS). Traditional cable assemblies with QMA connectors may be a source of PIM. QMA connectors feature a snap lock connection as an alternative to threaded SMA connectors. QMA, with excellent electrical performance up to 6 GHz, is used in wireless infrastructure applications including DAS.

RF Industries manufactures cable assemblies using Times Microwave TFT-402-LF plenum rated, low loss, low PIM flexible cable terminated with QMA male straight or right angle connectors. The cable meets UL910 fire requirements for in-building applications. The PIM values are less than -140dBc using 2 tones at 20 watts.

All low PIM cable assemblies manufactured by RF Industries are tested to certify they meet or exceed the advertised specifications. The PIM value is printed on the cable assembly along with a serial number. For verification, a complete PIM performance chart is available for download by entering the cable serial number in PIM Tracker™ on the RF Industries web site.

Assemblies are available in standard 1 and 2 meter lengths as well as custom lengths. In addition to QMA connectors, the assemblies can be terminated with SMA, N, 7-16 DIN and 4.1-9.5 (Mini) DIN connectors

Available from RF Connectors distributors throughout the US, Canada and Mexico. For additional information contact us at 800-233-1728 or 858-549-6340, rfi@rfindustries.com or visit our web site at www.rfindustries.com. RF Connectors is a division of RF Industries (NASDAQ RFIL), a leading supplier of connectivity solutions provided through its operating divisions: RF Connectors, RF Cable Assembly, Aviel Electronics, OddCables.com and Cables Unlimited.

7610 Miramar Road, San Diego, CA 92126-4202 • (858) 549-6340 • (800) 233-1728
Fax: (858) 549-6345 • Email: rfi@rfindustries.com • www.rfindustries.com

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