

Anritsu's Hand-held Spectrum Analyzer

As the spectrum becomes more and more congested, the ability to measure low-level signals becomes more important, not only for interference detection, but also for wireless system planning. With that in mind, Anritsu has developed the MS2721B as part of its expanding Spectrum Master™ handheld spectrum analyzer family.

Small and easy to use, the MS2721B brings unprecedented measurement capability to applications up to 7.1 GHz. Its wide dynamic range and low phase noise allow the MS2721B to easily make NRSC measurements on analog and IBOC signals without an external carrier notch filter.

The MS2721B spectrum analyzer has low phase noise of -100 dBc/Hz @ 10 kHz offsets, best in class typical DANL of -163 dBm in a 1 Hz RBW, resolution bandwidth (RBW) range of 1 Hz to 3 MHz and video bandwidth (VBW) range of 1 Hz to 3 MHz. It also has the fastest sweep speeds of any spectrum analyzer in its class.



A number of options are available so users can configure the MS2721B to meet specific applications, including testing Fixed WiMAX, WCDMA, GSM, GPRS, EDGE and HSDPA signals.

Other options include a tracking generator that delivers specified performance from 450 kHz to 7.1 GHz and a GPS receiver to allow measurements to be location-stamped and greatly improve time base accuracy.

Other members of the B series family include the MS2723B that covers up to 13 GHz and the MS2724B that covers up to 20 GHz.

Contact your local Talley sales representative at 800.949.7079 or e-mail at sales@talleycom.com to purchase Anritsu's MS2721B.

ISO 9001: 2000

Talley is an ISO 9001:2000 registered company from SAI Global.

We are very proud to have met these standards and will strive to continue to improve in all areas of our company to retain our registration through the annual ISO review process.



Newmar Gets an "A" for Powering a School District's Network



Newmar's 48 volt Unity Rectifier System, model UR-48-3, was selected to supply primary DC

power and maintain battery back-up for a multi-million dollar licensed microwave project for a large school district in Arizona. The private microwave network and battery backup system is engineered and constructed by Tempe, AZ based Network Infrastructure Corporation (NIC).

The Unity series rectifier is powering transmitters which are linked by point-to-point microwave technology connecting 47 separate locations in the district including schools, warehouses, administrative offices and other facilities. The network provides the school district with high speed connections to Internet, as well as data, video and voice systems to increase communication and learning in the classroom.

The Unity, model UR-48-3, provides 48 VDC at 3 amps per modular unit that inserts in a rack mount shelf, which accepts up to 3 modules for N, N+1, and N+2 redundant configurations. Because the school district has critical dependence on this wireless network, additional Unity Rectifier modules provide the wireless system with redundant DC power, thus ensuring a high reliability. Also, with limited rack space available, the 1 RU low profile of the Unity system, which occupies only 1.75 inches of vertical rack space, proved to be an important factor to the system configuration.

Talley and Newmar worked closely with NIC to ensure the UR-48-3 met output power, redundancy, rack space and budgetary requirements for the project. Equally important was immediate availability of the product allowing the work to begin on-time with a scheduled project completion date of June 2007.

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- SilverLine™ QMA - reliable, professional grade test cables & adaptors
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