



Components and Satcom Solutions

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INFOWAVE

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UKRF are pleased to announce that
we have an MCL MT3200A indoor 400w KU Bank unit available for Customer evaluation. Please contact Alan Griffiths to reserve this unit
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MCL NEW PRODUCT RELEASES

Airborne HPA

MCL are proud to introduce its newest member of the outdoor TWTA family, the MT2100. Providing industry-leading efficiency, this amplifier was engineered to support airborne applications. The rugged compact design weighs 25 pounds and can be adapted to a variety of military flight qualification requirements. This model has a power output of 25 Watts (100 Watts at the flange) in the 6-18 GHz frequency range. The MT2100 features flexible prime power configurations and can operate at 70°C. This compact TWTA is conduction cooled; however, air cooled or liquid cooled options are available.



Energy Efficient Outdoor TWTAs



MCL's MT3400 and MT4400 Outdoor TWT Amplifiers have already been described as reliable, rugged, and economical solutions for satellite uplink applications. You can now add "energy efficient" to that list.

The MT3400 Ku-Band is available with a 400W linear TWT, drawing 1100 Watts as opposed to 1500 Watts, while the MT4400 Ku-band offers a 750W linear TWT, drawing 2000 Watts versus 2400 Watts.

Both of these state-of-the-art amplifiers are also available for C-, X-, and DBS-band applications and include such features as rugged construction for extreme environments, software communications configuration for both remote and computer interfaces, continuous attenuator adjustment shown in dB, auto power control and status, and much more.

Redundancy can be achieved through 1:1, 1:2, or phase combined systems.

Remote Control Options

[Click to find out more](#)



SSPA vs TWTA

Still not sure? Why not read our article "Tube Amplifiers just won't die!"

[Click to find out more](#)

