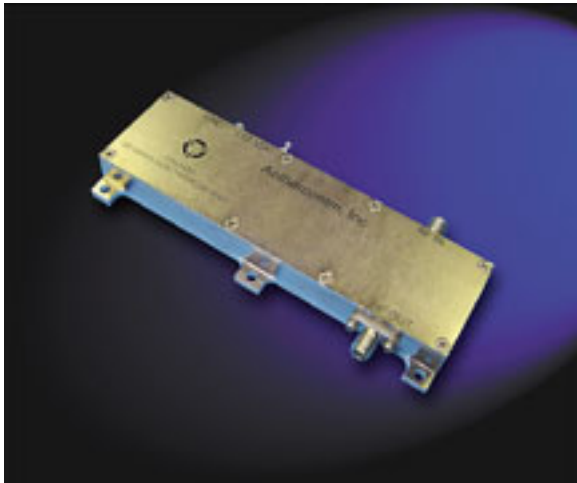


## Solid State RF Medium Power Amplifier



Aethercomm P/N SSPA 6.0-18.0-2 is a broadband, medium power solid state power amplifier that operates from 6 GHz to 18 GHz. This PA is ideal for electronic warfare systems, test equipment, laboratory use or anywhere where broadband, high gain, decent linearity and medium power are required. Minimum gain from 6 to 16 GHz is typically 30 dB. The gain at 18 GHz is typically 26.5 dB. The minimum P1dB from 6 to 16 GHz is 33 dBm. The typical P1 dB at 18 GHz is 31.4 dBm. Input/output VSWR across the band is typically 2.0:1 maximum. This SSPA operates from 12 V DC with a quiescent current of 1.75 amps. Standard features include over voltage protection, reverse polarity protection and output open/short circuit protection. This unit contains a fully integrated DC-DC converter and comes in a robust modular housing. The size of the PA is 1.5" x 4.5" by 0.75" thick. Mounting is accomplished by 6 holes in the housing. SMA female connectors are standard.

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<http://www.wirelessdesignmag.com/product-releases/2001/11/solid-state-rf-medium-power-amplifier>