

HIGH POWER COFDM TRANSMITTER AND LINEAR POWER AMPLIFIER

Class A Linear Design

Unconditional Stability

Reverse polarity protection



Specification

Frequency Range (GHz)	1.460 to 1.500
Gain Small Signal	23dB min
Gain Flatness	0.5dB p-p max
RF Input Drive	+27dBm max
Output Power COFDM	5W
COFDM Bandwidth	8MHz
Regrowth	-30dBc @ 1MHz offset
Non-Harmonic Spurious	-60dBc min
Input Return Loss	10dB min, 14dB typical
Output Return Loss	10dB min, 14dB typical
Power Supply	6A max @ 12V DC
Connectors	SMA/N Female
Dimensions (LWH):	110 x 70 x 25mm (excluding Heatsink)
Operating Temp Range (baseplate)	0 to +60°C



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