

TMT-4-2002

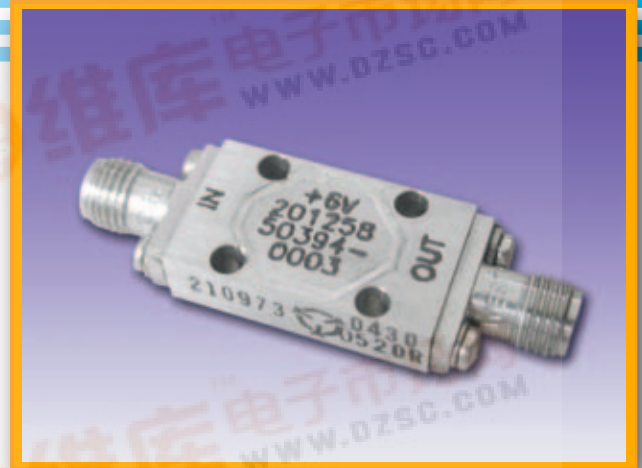
Temperature Compensated Low Noise Amplifier 2 GHz - 4 GHz

This Low Noise Amplifier offers low Noise figure performance of 3.5 dB over the band 2 GHz to 4 GHz with 20 dB Gain.

Teledyne Microwave amplifiers are balanced or feedback designs and manufactured with the latest MIC & MMIC technology. The GaAs FET's used in these amplifiers are well established proven devices from multiple sources.

Teledyne Microwave offers a complete line of Narrow and broadband Amplifiers covering the frequency range 500 MHz to 40 GHz. These products are available in either connectorized packages or as modules. For a complete list of these products and more, please visit our website.

Other products from Teledyne Microwave include: Transceivers, Synthesizers, and YIG Products



Specifications:

Model Number: TMT-4-2002
 Frequency Range: 2 GHz – 4 GHz
 Gain (min): 20 dB
 Gain Vs Temp at any Frequency: ± 0.75 dB
 Noise Figure (max): 3.5 dB
 Output Power @ 1dB Compression: 18 dBm
 Gain Flatness Vs Frequency: ± 1.0 dB
 3rd Order Intercept (Typ): 27 dBm
 Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 180 mA
 Current @ 12 VDC (max): 210 mA
 Case Type (See attached Outline): SC4
 Temperature Range: -54 to +90C



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ISO 9001:2000



