

# Surface Mount Noise Source SMN3018-D1D



Specifications are subject to change without notice

## Specifications

Parameter	Value
RF Frequency	20 MHz to 6 GHz
Noise Output	30 dB Min ENR
Noise Spectral Density ( $N_0$ )	-148 dBm/Hz Min
Flatness	3 dB P-P Max
VSWR	2.0:1 Max (20-100 MHz) 1.5:1 Max (100 MHz-6 GHz)
Bias Voltage	12 V
Supply Current	12 mA Max
Impedance	50 ohms
Construction	SMT 0.150 x 0.220 inches
Operating Temperature	-40 to 125 °C
Storage Temperature	-54 to 150 °C

### Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at [rf.microwave@mrcy.com](mailto:rf.microwave@mrcy.com) or visit [www.mrcy.com/rf](http://www.mrcy.com/rf) for a detailed listing of RF and Microwave products.



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