



Data Sheet

S-Band RF Driver Amplifier

Specifications:-

P.NO:AE/RFD/A3E6A92996/20MR

• Centre Frequency	: 2.998GHz
• Output Power	: +53 dBm typ @ 1% duty
• Full Power Bandwidth	: 20MHz min
• 3dB Power Bandwidth	: 100MHz typical
• Input Power for Rated Output	: +0dBm
• Absolute max input Power	: 0 dBm
• Duty Cycle	: 2% max
• Input Signal Characteristic	: Pulsed
• Input Pulse Width	: 5 μ S nom, 100 μ Smax
• Pulse Repetition Frequency	: 200Hz nominal, 5KHz max
• RF Output Stability in Pulse	: 0.4dB/10 μ S max, 0.8dB/200 μ S max @ peak O/P
• Harmonics	: - 40dBc max
• Non-Harmonic Spurious Output	: -60dBc
• Output Return Loss	: 15dB min
• System Power Supply Mains	: AC230V 1-phase 1.3KvA max
• Pulse control rise time (0-100% RF)	: 5 μ S max
• Pulse control fall Time (100-0% RF)	: 5 μ S max
• RF rise/fall time	: 100nS max
• Frequency Tuning Range of VCO	: 100KHZ /40mV
• Interface	: Ethernet Port
• Safety features	: Temperature Fault
• Dimensions (L*W*H)	: 360*493*88



S-BAND RF DRIVER PICTURE

