



LPA900-10-1R0R

942-962 MHz - 10 Watts Output Power

Frequency Range:	942-962 MHz
Rated Power Output:	10 W Average (Nominal)
Gain:	10 db (Nominal)
Input/Output Impedance:	50 ohms (Nominal)
Power Input:	1 W Average
Two-Tone IMR:	-43 dBc (Max), 1 W Avg. Input Power, 1 MHz spacing
Spurious & Harmonics:	-63 dBc (Max)
DC Input Voltage:	28 VDC for rated operation +/- 1VDC (Built in Internal Power Supply 110 VAC)
AC Input Current:	1.5 Amps (Max)
RF Connectors:	N Connectors
Cooling Method:	Fan Forced Air Over Heat sinks (Continuous Fan Operation)
Operating Temp. Range:	0 ⁰ C to +60 ⁰ C. Ambient
Storage & Transport:	-40 ⁰ C to +85 ⁰ C
Operating Humidity:	0 % -80 % RH (Non-Condensing)
Storage Humidity:	0 % -95 % RH (Non-Condensing)
Altitude:	10,000 Feet Maximum

SIZE

Vertical Mounting:	7.0"
Horizontal Mounting:	19.0"
Depth:	15.0"
Weight:	28 pounds nominal

DESCRIPTION/POWER RANGES

<u>Model Description</u>	<u>Required Power In</u>	<u>Power Output</u>
940-960 MHz, Moseley Starlink SL9003 Q	1	10