

# 5-Pack P8 Series 900 MHz

Fully modular and space efficient



## 890-942 MHz 80 Watts Output Power

- Frequency Range: 890-942 MHz
- 80 Watts Output Power
- Input Power – set at the factory – see the table below
- Spurious & harmonics meet FCC requirements
- Input/output Impedance: 50 Ohm
- Input/Output RF Connectors: type 'N' female
- Operating Voltage: 13.8 VDC (nominal)
- DC Current: 18 A (nominal); 24 Amperes (maximum)
- DC Connector: terminal block, screws # 6-32
- Load VSWR protection; overheat protection
- Cooling Method: fan forced air over heat sink; fan is on constantly
- Indicator LEDs: DC on, low output, high VSWR, high temperature
- Control/Monitoring connectors: power setup, common alarm signal
- Operating Temp Range: -30°C to +60°C
- Storage and Transport Temp: -40°C to +70°C
- Humidity: 80% at +40°C (non-condensing)
- Altitude: 10,000 ft. maximum

### Power Input/output Range

Model Description	Required Power Input
P8-R1L1-C7-001	100-200 mW
P8-R2L1-C7-001	200-500 mW
P8-R5L1-C7-001	500 mW – 1 W
P8-1L1-C7-001	1-2 W
P8-2L1-C7-001	2-5 W
P8-5L1-C7-001	5-10 W
P8-10L1-C7-001	10-20 W
P8-20L1-C7-001	20-50 W

### Dimensions and Weight

- Dimensions: 7”H x 19”D x 3.4”W
- Weight: 10 lbs. nominal

### Optional Features Available

- FPR-5 Rack

*These are preliminary specifications and are subject to change. Patents applied for.*



**Headquarters**  
100 High Grove Blvd.  
Glendale Heights, IL 60139  
P 847 908 5400  
F 847 908 5408

**Defense Solutions**  
1803 Mt. Rose Ave., Bldg. B  
York, PA 17403  
P 717 235 5474  
F 717 227 4444

www.crescendrf.com  
sales@crescendrf.com