

NEW FROM CRESCEND

**The 5-Pack - FIVE 100W
amplifiers in the space of one**

**When space is at a premium, specify the
NEW 5-Pack. Five of Crescend's proven
broadband amplifiers in only 7 inches of
rack space.**

- **Excellent Reliability**
- **VSWR Protection**
- **Thermal Protection**
- **Closed Loop Power Control**
- **Remote Monitoring Capability**
- **Full 3 Year Warranty**



Crescend[®]
TECHNOLOGIES
ISO 9100 Registered Firm

Engineered to Perform...Built to Last

800-USA-MADE
www.CrescendTech.com



5-Pack Series VHF/UHF – 100 W Output Power

Also available in VHF Low Band and 700/800/900 MHz series. Contact a Sales Associate for specs, model numbers and other custom applications.

General Specifications			
Band	VHF	UHF	
Frequency Range:	136-144 MHz (DA) 144-152 MHz (DB) 152-162 MHz (EA) 162-174 MHz (EB)	406-426 MHz (GA) 426-450 MHz (GB) 450-470 MHz (HA) 470-490 MHz (HB) 490-512 MHz (HC)	
Current Draw:	23 Amperes (Max)	26 Amperes (Max)	
Operating Voltage:	+13.8 VDC		
Duty Cycle:	100%		
Power Input:	See chart below		
Power Output:	100 Watts, set at factory		
Spurious & Harmonics:	-65 dBc		
Input/Output Impedance:	50 ohms (Nominal)		
Load VSWR Tolerance:	VSWR Protected		
Indicator LEDs:	DC On, Low Output, High VSWR, High Temp		
Alarm:	Summary Alarm Pin		
Input/Output Connector:	Type 'N' Female		
Cooling Method:	Fan Forced Air Over Heat sink		
Operating Temp. Range:	-30° C to +60° C		
Storage & Transport:	-40° C to +70° C		
Humidity:	80% at +40° C (non-condensing)		
Altitude:	10,000 feet maximum		
SIZE			
Vertical Mounting:	7.0"	Depth:	19.0"
Horizontal Mounting:	3.4"	Weight:	10 pounds
POWER INPUT RANGE			
Model Description*	Required Power In	Power Output	
P10-R1XX1-C7-001	100-200 mW	100 W	
P10-R2XX1-C7-001	200-500 mW	100 W	
P10-R5XX1-C7-001	500 mW-1 W	100 W	
P10-1XX1-C7-001	1-2 W	100 W	
P10-2XX1-C7-001	2-5 W	100 W	
P10-5XX1-C7-001	5-10 W	100 W	
P10-10XX1-C7-001	10-20 W	100 W	
P10-20XX1-C7-001	20-50 W	100 W	
<i>* XX-Insert the letter definition for the frequency range chosen.</i>			

FPR-5 Rack and cables sold separately