

# High Power Amplifier

Radioville®

## Specifications

Frequency Range:	869-894MHz
Gain (small signal at +25 degree C):	54dB
CDMA Adjacent Channel Power Rejection @+40dBm (RBW:30KHz, VBW:3KHz, Avg 16) 750KHz offset from fo, in a 30KHz integration BW: -45dBc 1.98MHz offset from fo, in a 30KHz integration BW: -65dBc	
Output Power:	40dBm @ CDMA 3FA
IP3:	62dBm
Input/Output VSWR:	1.5:1
DC Voltage:	27V
DC Current:	7A
Operating Temperature Range:	-30 to +60 degree C
Relative Humidity:	5 to 95%
RF Connectors:	SMA(f), N(f)
Cooling:	Natural Convection
Size (Length x Width x Height):	185 x 170 x 26 mm



Model: RV-SCPA1016

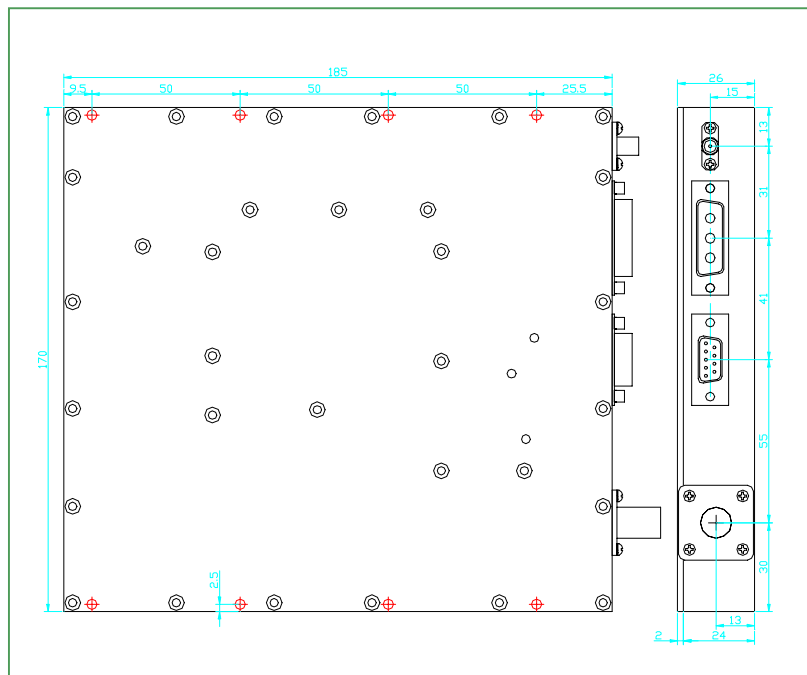
Frequency Band: Cellular

Power: 16W(1FA) , 10W(3FA)

Technology: CDMA

- Applicable for Base Station, Repeaters of CDMA800/900MHz Digital Cellular Network
- Compatible with IS-95B/C Specifications
- High Linearity & High Efficiency Design
- Compensated Temperature Characteristics
- Customized various alarm and protections

## Mechanical Drawing



## Radioville Co., Ltd.

### Headquarter

621-3, Bakdaldong, Anyang,  
Kyungkido, 430-803 Korea  
Phone: +82 31 468 7654  
Fax: +82 31 468 1688  
E-mail: sales@radioville.com

### USA Office

930E. Pico Blvd., Los Angeles  
CA 90021  
Phone: 213 749 3303  
Fax: 213 749 3353  
E-mail: chucklee77@aol.com



ISO9001 Certified

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