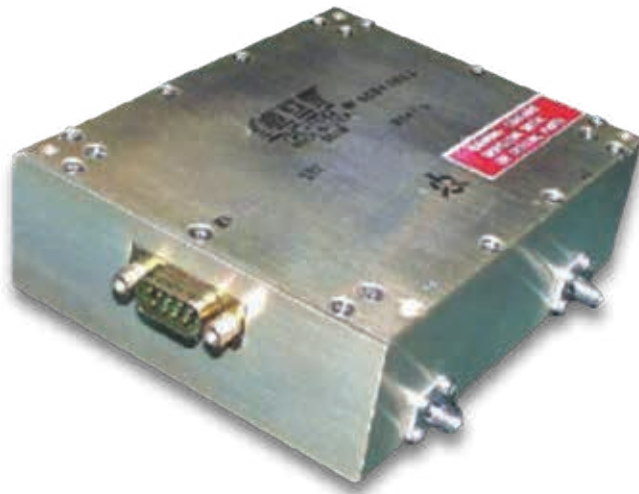


## Communications & Power Industries Switch



With a history of producing high quality products, we can help your with switch.

Contact us at [BMDMarketing@cpil.com](mailto:BMDMarketing@cpil.com) or at call us at +1 978-922-6000.

### FEATURES:

- High power operation
- Wide bandwidth
- Integral driver

### BENEFITS:

- World's largest manufacturer of high power receiver protector and switch products
- State of the art facility with high level of vertical integration
- Extensive high power test capability
- In-house environmental test facility
- Computer modeling and automatic test capabilities

### APPLICATIONS:

- Military communications

# CPI 225-400 MHz 200 W T/R Switch: VSS3607

## Mechanical and Environmental Specifications

RF Input and output	SMA female
Bias supplies	+5 VDC @ 20 mA max -220 VDC @ 20 mA max
Power & control connector	DEM-9P
Control logic	RS422
Dimensions	See outline drawing
Operating temperature	-20° to +95°C
Humidity	95% max

See product specification for other details

## Electrical Specifications

Operating frequency	225-400 MHz
Maximum transit power	200 W CW
Maximum receive power	2 W CW
Maximum antenna mismatch	2.5:1
Maximum insertion loss:	
Transmit	0.5 dB
Receive	1.0 dB
Maximum isolation loss:	
Transmit	75 dB
Receive	50 dB
Maximum switching time	20 $\mu$ Sec
Maximum VSWR	14 dB

