

Product Specification

DCR-8

Dual Controlled Remote Broadband Switch

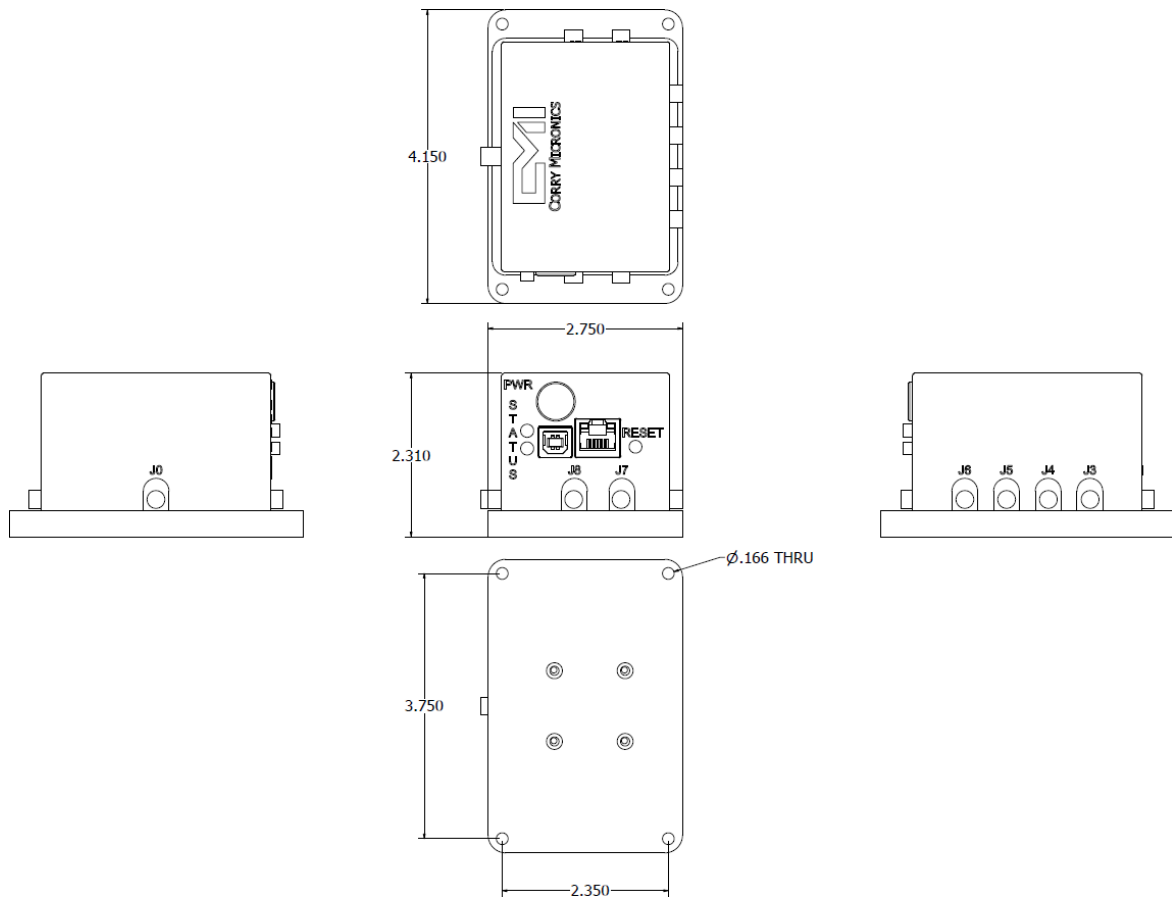
The DCR-8 is an eight-port switch remotely controllable via USB or Ethernet. The switch automatically recognizes either type of control connection. Control microwave signals with a laptop or PC using the USB interface or remotely over the internet. The switch is bi-directional offering the user flexibility to install the switch as a single input and eight outputs or as eight inputs with a single output. The switch system comes with installed drivers and easy to follow programming instructions. The standard broadband switch has an operating frequency of 20MHz to 18GHz with an insertion loss of only 4dB. The switch also offers excellent port-to-port isolation of a minimum of 80dB. The DCR-8 can be custom designed for customer specific bandwidths and switching port applications.

Electrical Specifications

Parameter	Specification
Switch Type	Absorptive
Frequency Range	0.02 ~ 18 GHz
Isolation	80 dB Min
Insertion Loss	4 dB Typ., 4.5 dB Max
VSWR	2.0:1 Max
Switch Time	1 μ s Max
Power	9 ~ 18 VDC
Control	USB or Ethernet
Impedance	50 Ω
Operating Power	23 dBm
Connector Type	SMA Female
Operating Temperature	0° ~ 70° C
Dimensions	See Attached Drawing (Dimensions are in inches)



Outline Drawing



SMA Locations

