



# SwitchGizzmo<sup>TM</sup>

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## Now, The Latest Protective Device For Your Antenna With The Added Bonus Of Control

SwitchGizzmo<sup>TM</sup> allows multiple antenna systems to be connected and routed. When the antennas are idle or the system is un-powered, the inputs are automatically grounded, giving you vital protection against static build up. For this purpose there is a 5mm Ground Terminal provided, allowing a substantial ground to be attached. It is controlled via PowerGizzmo<sup>TM</sup> but also has a manual port.

SwitchGizzmo<sup>TM</sup> covers a primary frequency range of 1.8MHz – 55MHz, but can be used up to 148MHz.

Other options available are:- 2:1, 2:2, and 4:2

### **RPF Communications**

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### TECHNICAL SPECIFICATION

RF Frequency Range:	DC to 55 MHz (70 and 148MHz with reduced specification)
Return Loss (Selected port to Transceiver):	Better than 20dB (reducing to 15dB @ 148MHz)
Through Loss on selected Port:	Better than 0.25dB over main band Better than 0.5dB up to 70 MHz Better than 1 dB up to 148MHz
Isolation (Port to Port and Com)	Better than 80dB@1.8 MHz reducing to Better than 40dB@ 70MHz and Better than 30dB@ 148MHz
Power handling:	Up to 800 watts DC to 30 MHz Up to 500 watts 50 MHz and above
Protection facilities:	Inputs grounded when not in use or unit un-powered
Control:	Power Gizzmo Controller Manual override (Switch under screw cover)
LED Indications:	Data Communication Port Selection
Power Supply:	12V d.c. nominal (supplied by Gizzmo controller)
Interface cable:	4 core screened cable (2 Metres supplied)
Enclosure:	Diecast case 120x120x62mm (excluding connectors)
RoHS Compliant	Yes
IP Rating:	IP54

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