

## Slim –Line V.P.C Redundant System



DrawCom's complete solution to High Power Amplifier (HPA), Redundancy Switching, HPA Phase Combining & Power Sampling.

DrawCom's V.P.C (Variable Power Combiner) Redundancy Switching System are deployed in either mobile or fixed applications.

Slim line Package includes:

- Controller,
- V.P.C.,
- Termination,
- Cross-guide Coupler
- Interconnect V.P.C. cables & Operation Manual,
- Interconnect Waveguide & coaxial cables are provided as per customer's configuration.

Current models available include:

Part No.	Frequency (GHz)	Power
<b>M3530</b>	C – BAND 5.85 – 6.45	6 kW (3kW per port)
<b>M3531</b>	X – BAND 7.90 -8.40	3 kW (1.5 kW per port)
<b>M3532</b>	ASTRA BAND 12.75 -13.25	2 kW (1 kW per port)
<b>M3533</b>	Ku – BAND 14.0 – 14.5	2 kW (1 kW per port)
<b>M3534</b>	DBS – BAND 17.3 – 18.1	2 kW (1 kW per port)

### Controller Specifications

Electrical	Mechanical
<b>Operating Voltage: 120/240VAC, 50/60Hz</b>	Dimensions (inches): 3.5 x 19 x 13
<b>Power Consumption: 10W max.</b>	Dimensions (cm): 8.9 x 48.3 x 33.0
<b>Low Power Section</b>	Weight: 22lbs (10kg) max. Incl. V.P.C.
<b>Input/Output VSWR: 1.20:1</b>	Front Panel: Weather resistant membrane
<b>Insertion Loss: 5.5dB max.</b>	Mounting: 19" Rack, EIA RS-310
	Connectors: Serial RS 232 or RS 422/485

### V.P.C Specifications

<b>VSWR</b>	1.15:1 max.
<b>Insertion Loss</b>	0.2 dB max.
<b>Isolation</b>	25-40 dB
<b>Pressure</b>	15 p.s.i
<b>Switching time</b>	Typical 50ms between adjacent steps