

PATENT PENDING D231B-600-3800 Series

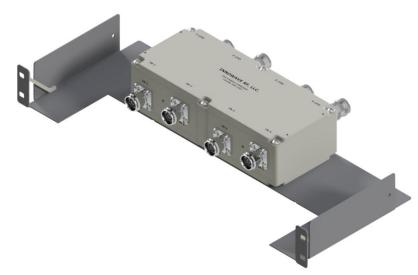
4x4 Hybrid Combiner with Tray for 19" DRAN Enclosures

-161dBc PIM, IP67

Innovation in Every Wave

FEATURES:

- Hybrid Module to splits or combines any four In-Band frequency bands for DRAN systems
- Covers all bands between 600MHz 3800MHz
- Ideal for Low-Power and Mid-Power Radios
- 30dB Isolation
- Low-PIM and Low Insertion Loss
- Interchangeable Modules for easy upgrades and Troubleshooting
- RoHS Complaint
- Rugged, Weatherproof IP67 unit



ELECTRICAL SPECIFICATIONS:

Frequency Range	600MHz – 3800MHz (600-B71, 700, 850GSM, 850CDMA, PCS, AWS-1, AWS-3, WCS, BRS, CBRS)
Passband Insertion Loss	$6.00 \text{ dB} \pm 0.80 \text{dB}$
Isolation	30 dB
VSWR	1.20
Impedance	50 Ohms
Input Power	500 Watts/Port (Avg)
Intermodulation (PIM - 3 rd)	-163 dBc (2 Tones +43 dBm)
Connectors	4.3-10 / Nex10
DC Path	IN PORT1 → OUT PORT4
	IN PORT2 → OUT PORT2
	IN PORT3 → OUT PORT3
	IN PORT4 → OUT PORT1
Temperature Range	-20°C to 7560°C
Environment	IP67 (Outdoor)
Relative Humidity	100%
Weight	7.50 lbs
Dimensions	17.200" x 6.750" x 2.500"

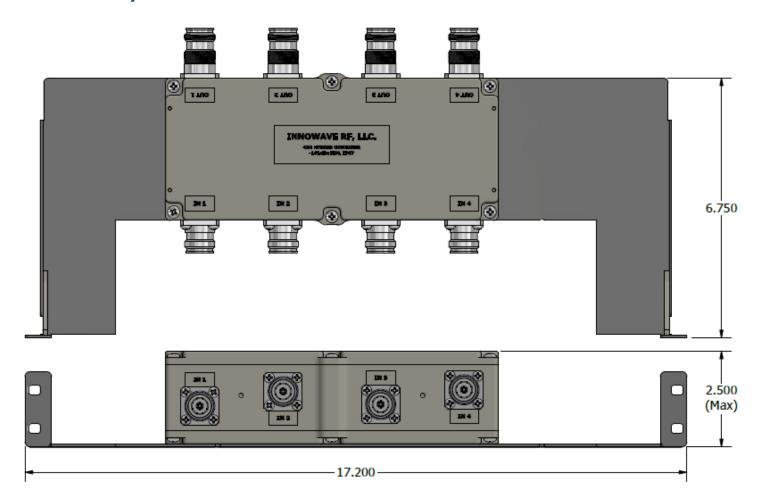
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