INNOWAVERF

Innovation in Every Wave

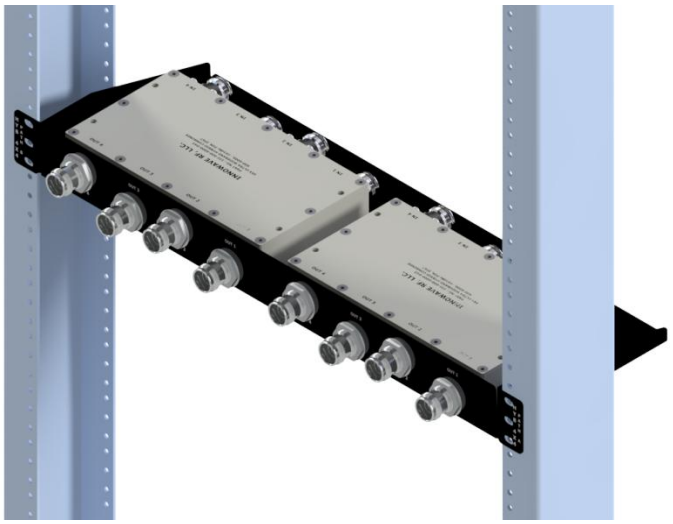
R232H Series

2x 6dB Hybrid Combiner on 19" Rack Tray (4x4 Hybrid)

1RU High, -163dBc PIM

FEATURES:

- 2x 6dB Hybrid Combiner (4x4 Hybrid) Modules for H-Frame / Rack-Mounted DRAN system
- **2x2 MIMO** solution with 2 combiners on a tray
- 200W per Port of power handling
- Minimum 25dB Isolation
- **1RU** Rack High
- **-163dBc PIM** with Low Insertion Loss
- Interchangeable Modules for easy upgrades and/or Troubleshooting



ELECTRICAL SPECIFICATIONS:

Freq Bands / Part Numbers	600(B71) 700-Cell	700-FN (B14)	850	PCS	AWS-1 AWS-3	WCS	BRS	DoD CBRS C-Band
R232H-600-6000-D43	Covers all Bands (600MHz – 6000MHz)							
Coupling Loss	6.20 dB ± 0.80dB @ 600-2700 MHz 6.20 dB ± 0.80dB @ 2700-4200 MHz 6.35 dB ± 0.80dB @ 4200-6000 MHz							
Isolation	25dB @ 600-3800 MHz 24dB @ 3800-6000 MHz							
VSWR	1.25:1							
Impedance	50 Ohms							
Input Power / Port	200 Watts (Avg)							
Intermodulation (PIM - 3rd)	-163dBc (2 Tones +43 dBm)							
Connectors	4.3-10 or Nex10							
Temperature	-30°C to +70°C							
Rack Height	1RU							
Rack Tray Dimensions	19.00"(W) x 1.75"(H) x 9.50"(D)							
Weight	7 lbs							
OTHER 4x4 HYBRID COMBINER MODELS AVAILABLE (INTERNALLY TERMINATED PORT OPTIONS)								
R247H-600-6000-D43	2xPieces of 4x4 Hybrid Combiner with 3x Output Ports Internally Terminated (4x1) Covers all Bands (600MHz – 6000MHz)							
R248H-600-6000-D43	2xPieces of 4x4 Hybrid Combiner with 2x Output Ports Internally Terminated (4x2) Covers all Bands (600MHz – 6000MHz)							
R249H-600-6000-D43	2xPieces of 4x4 Hybrid Combiner with 1x Output Ports Internally Terminated (4x3) Covers all Bands (600MHz – 6000MHz)							

Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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