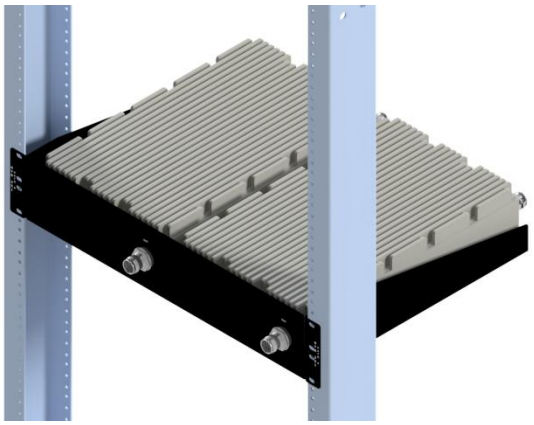
R227H Series

2x 4.8dB Hybrid w/2x O/P Internally Terminated on 19" Rack Tray (3x1 Hybrid)

1RU High, -163dBc PIM

FEATURES:

- 2x 4.8dB Hybrid Combiner w/ 2x Output Port Internally Terminated (3x1 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 24dB 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
R227H-600-6000-D43	2xPieces of 3x3 Hybrid Combiner with 2x Output Ports Internally Terminated (3x1) Covers all Bands (600MHz – 6000MHz)							
Coupling Loss	5.10 dB ± 1.00dB @ 600-2700 MHz 5.20 dB ± 1.00dB @ 2700-4200 MHz 5.20 dB ± 1.20dB @ 4200-6000 MHz							
Isolation	24dB @ 600-3800 MHz 23dB @ 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	18 lbs							
OTHER 3x3 HYBRID COMBINER MODELS AVAILABLE (INTERNALLY TERMINATED PORT OPTIONS)								
R225H-600-6000-D43	2xPieces of 3x3 Hybrid Combiner – Covers all Bands (600MHz – 6000MHz)							
R229H-600-6000-D43	2xPieces of 3x3 Hybrid Combiner with 1x Output Ports Internally Terminated (3x2) 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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