

Product Specification

ADXV-R-CHC-X (Universal Low Loss Channel Combiner)



- Covers all major commercial bands (600MHz, 700MHz + Band14, SMR800 + Cell, PCS, AWS1 + AWS3, WCS, BRS, CBR5)
- 19" Rack or Wall Mountable
- PIMD @ -153dBc (2 x 43 dBm)
- 40dB coupling test port

Electrical Specification

	600MHz	700MHz + Band14	SMR800 + CELL	PCS	AWS-1 + AWS-3	WCS	BRS	CBRS
Frequency	617 ~ 697 MHz	699 ~ 798 MHz	817 ~ 894 MHz	1850 ~ 1995 MHz	1710 ~ 1780 MHz 2110 ~ 2180 MHz	2305 ~ 2360 MHz	2496 ~ 2690 MHz	3550 ~ 3700 MHz
Bandwidth	80 MHz	99 MHz	77 MHz	145 MHz	70 MHz / 70 MHz	55 MHz	194 MHz	150 MHz
Insertion Loss	1.75dB	1.85dB	0.8dB	1.0dB	1.0dB	1.0dB	1.0dB	1.0dB
Pass Band Ripple	1.6dB	1.7dB	0.6dB	0.8dB	0.8dB	0.8dB	0.8dB	0.8dB
Return Loss	18dB (Min)							
Isolation	45dBc (Min) 20dBc (600MHz + 700MHz)							
PIMD	-153 dBc @ 2 x 43 dBm							
Coupling Port	40 ± 3.0dB							
Power Rating	Low Band Input Port: 20W per port (Average) High Band Input Port: 40W per port (Average) Sum Port: 260W (Average)							

Mechanical Specification

Dimension (W x H x D)	19.0 x 1.73 x 11.4 in	
Weight	18.5 lbs	
Connectors	ANT	7/16 DIN (Female)
	Input	4.3-10 (Female)
	CPL	SMA (Female)
Operating Temperature	-40°F ~ +158°F (-40°C ~ +70°C)	
Weather Resistance	IP66	

Specifications are subject to change without notice. ©2019 Advanced RF Technologies, Inc.