

Product Specification

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



- Covers all major commercial bands (700MHz + Band14, SMR800 + Cell, PCS, AWS1 + AWS3, WCS, BRS)
- 19" Rack or Wall Mountable
- PIMD @ 153dBc (2 x 43 dBm)
- 40dB coupling test port
- Supports input power levels of 50W per port

Electrical Specification

	700MHz + Band14	SMR800 + CELL	PCS	AWS-1 + AWS-3	WCS	BRS
Frequency	698 ~ 798 MHz	817 ~ 894 MHz	1850 ~ 1995 MHz	1710 ~ 1780 MHz 2110 ~ 2180 MHz	2305 ~ 2360 MHz	2496 ~ 2690 MHz
Bandwidth	100 MHz	77 MHz	145 MHz	70 MHz / 70 MHz	55 MHz	194 MHz
Insertion Loss	0.4dB (Max)					
Pass Band Ripple	0.4dB (Max)					
Return Loss	20dB (Min)					
Isolation	45dBc (Min)					
PIMD	-153 dBc @ 2 x 43 dBm					
Coupling Port	40 ± 3.0dB					
Power Rating	Input Port: 50W per port (Average) Sum Port: 250W (Average)					

Mechanical Specification

Dimension (W x H x D)	19.0 x 1.75 x 10.8 in	
Weight	12.0 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	IP67	

Specifications are subject to change without notice. ©2017 Advanced RF Technologies, Inc.