

# Product Specification

## ADXV-HPR-CHC-U (Universal Low Loss Channel Combiner)



- Installs into an ADXV-HPR-PMK, ADXV-HPR-CHA, or ADXV-HPR-RACK
- Support for all major commercial bands
- IP67 Outdoor Rated

### Electrical Specification

	700MHz + Band 14	SMR800 + CELL	PCS	AWS-1 + AWS-3	WCS	BRS
<b>Frequency Range</b>	698 ~ 798 MHz	817 ~ 894 MHz	1850 ~ 1995 MHz	1710 ~ 1780 MHz 2110 ~ 2180 MHz	2305 ~ 2360 MHz	2496 ~ 2690 MHz
<b>Bandwidth</b>	100 MHz	77 MHz	145 MHz	70 MHz / 70 MHz	55 MHz	194 MHz
<b>Insertion Loss</b>	0.7 dB (Max)					
<b>Pass Band Ripple</b>	0.3 dB (Max)					
<b>Return Loss</b>	20.0 dB (Min)					
<b>Isolation</b>	700MHz	--	45 dBc	45 dBc	45 dBc	45 dBc
	SMR + CELL	45 dBc	--	45 dBc	45 dBc	45 dBc
	PCS	45 dBc	45 dBc	--	45 dBc	45 dBc
	AWS	45 dBc	45 dBc	45 dBc	--	40 dBc
	WCS	45 dBc	45 dBc	45 dBc	40 dBc	--
	BRS	45 dBc	45 dBc	45 dBc	45 dBc	40 dBc
<b>Attenuation</b>	25 dBc @ 2800 ~ 5380 MHz					
<b>PIMD</b>	-161 dBc @ 2 x 43 dBm					
<b>CPL (Monitor)</b>	40 ± 4.0 dB					
<b>Operating Power</b>	Input port: 80 W per port (Average)   Antenna port: 250 W (Average)					

### Mechanical Specification

<b>Dimension</b>	11.02 x 9.44 x 2.83 in (280.0 x 240.0 x 72.0 mm)	
<b>Weight</b>	15.08 lbs (6.84 kg)	
<b>Connector</b>	ANT	4.3-10 (Female)
	Input	4.3-10 (Female)
	CPL	SMA (Female)
<b>Operating Temperature</b>	-40° F ~ +176° F (-40° C ~ +80° C)	
<b>Weather Resistance</b>	IP67	

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