



### Main Features

- Suitable for Analog and Digital TV
- Adjacent Channel Combination
- Double Cross Coupling
- Temperature Compensated
- High Q Coax Technique
- 19" Rack Shelf

### Electrical Specifications

Frequency range	470-806MHz		
ADJUSTING DATA	DVB-T/T2	ATSC 1.0/3.0	ISDB-T
Insertion Loss	$f(0) \leq 0.7\text{dB}$	$f(0) \leq 0.8\text{dB}$	$f(0) \leq 0.85\text{dB}$
	$f(0) \pm 3.8\text{MHz} \leq 1.65\text{dB}$	$f(0) \pm 2.7\text{MHz} \leq 1.1\text{dB}$	$f(0) \pm 2.79\text{MHz} \leq 1.85\text{dB}$
	$f(0) \pm 3.9\text{MHz} \leq 2.05\text{dB}$	$f(0) \pm 2.93\text{MHz} \leq 1.4\text{dB}$	
Attenuation	$f(0) \pm 4.2\text{MHz} \geq 3\text{dB}$	$f(0) \pm 3.5\text{MHz} \geq 10\text{dB}$	$f(0) \pm 3.15\text{MHz} \geq 6\text{dB}$
	$f(0) \pm 6.\text{MHz} \geq 18\text{dB}$	$f(0) \pm 6.\text{MHz} \geq 24\text{dB}$	$f(0) \pm 4.5\text{MHz} \geq 18\text{dB}$
	$f(0) \pm 12\text{MHz} \geq 40\text{dB}$	$f(0) \pm 9\text{MHz} \geq 36\text{dB}$	$f(0) \pm 9\text{MHz} \geq 38\text{dB}$
Isolation	Adjacent Channel	$\geq 32\text{dB}$	$\geq 32\text{dB}$
	1 Guard Channel	$\geq 45\text{dB}$	$\geq 45\text{dB}$
	Minimum Spacing		
Return loss / VSWR	$\leq -25\text{dB}/1.12$	$\leq -25\text{dB}/1.12$	$\leq -25\text{dB}/1.12$
Temperature Stability	$< 1\text{kHz/K}$		
Max Power Output	150W		
Impedance	50 $\Omega$		

### Environmental Specifications

Operating temperature range	-10°C to +55°C
Max Operating Temperature (Body)	65°C
Relative humidity	5% - 95%
Barometric pressure	55 KPa - 106KPa

# UHF 150W Balanced Combiner

# Product Specifications

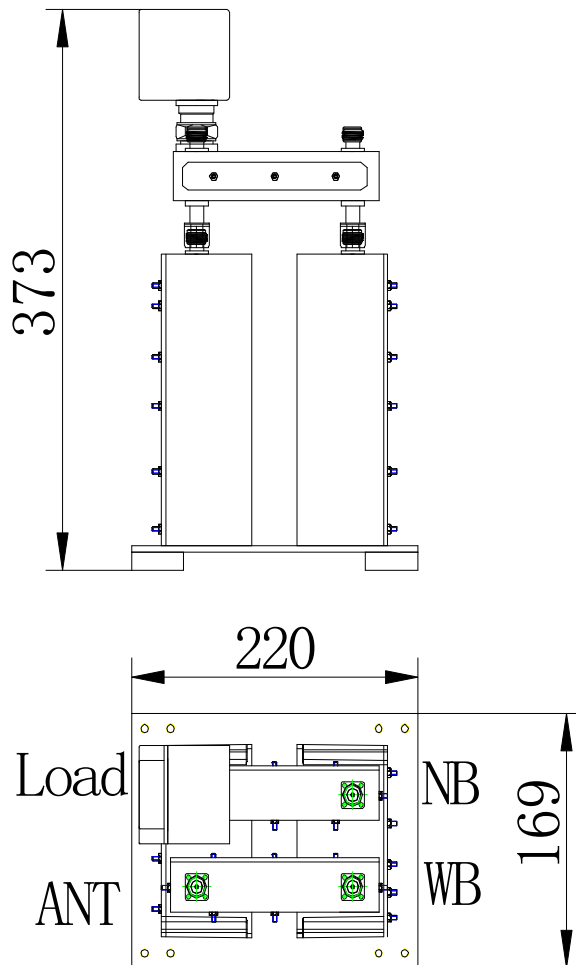
CMB-B-2U-150-NF / 716F

Part Number: 200219.01 / 200220.01



## Mechanical Specifications

Connectors (Input / Output)	N female	200219.01
	DIN female	200220.01
Weight	11.5kg	
Outer Dimension (mm)	220 * 169 * 373mm	
Packing	1 Piece per box	



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