



Main Features

- Suitable for Analog and Digital TV
- 1 Guard Channel Minimum Spacing
- Tunable Across Band
- Double Cross Coupling
- Temperature Compensated
- High Q Coax Technique

Electrical Specifications

Electrical Specifications			
Frequency range	470-806MHz		
ADJUSTING DATA	DVB-T/T2	ATSC 1.0/3.0	ISDB-T
Insertion Loss	$f(0) \leq 0.45\text{dB}$	$f(0) \leq 0.5\text{dB}$	$f(0) \leq 0.6\text{dB}$
	$f(0) \pm 3.8\text{MHz} \leq 1.05\text{dB}$	$f(0) \pm 2.7\text{MHz} \leq 0.65\text{dB}$	$f(0) \pm 2.79\text{MHz} \leq 1.12\text{dB}$
	$f(0) \pm 3.9\text{MHz} \leq 1.27\text{dB}$	$f(0) \pm 2.93\text{MHz} \leq 0.83\text{dB}$	
Attenuation	$f(0) \pm 4.2\text{MHz} \geq 4\text{dB}$	$f(0) \pm 3.5\text{MHz} \geq 10\text{dB}$	$f(0) \pm 3.15\text{MHz} \geq 7\text{dB}$
	$f(0) \pm 6.\text{MHz} \geq 18\text{dB}$	$f(0) \pm 6.\text{MHz} \geq 24\text{dB}$	$f(0) \pm 4.5\text{MHz} \geq 18\text{dB}$
	$f(0) \pm 12\text{MHz} \geq 40\text{dB}$	$f(0) \pm 9\text{MHz} \geq 36\text{dB}$	$f(0) \pm 9\text{MHz} \geq 38\text{dB}$
Isolation	$\geq 40\text{dB}$	$\geq 40\text{dB}$	$\geq 40\text{dB}$
Return loss / VSWR	$\leq -25\text{dB}/1.12$	$\leq -25\text{dB}/1.12$	$\leq -25\text{dB}/1.12$
Temperature Stability	$< 1\text{kHz}/\text{K}$		
Max Power Output	1.4KW		
Impedance	50 Ω		

UHF 1.4kW Star Point Combiner

Product Specifications

CMB-S-2U-1K4-78 / 158

Part Number: 200211.01 / 200212.01



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

Mechanical Specifications

Connectors (Input / Output)	7/8" EIA	200211.01
	1 5/8" EIA	200212.01
Weight	45kg	
Outer Dimension (mm)	880 * 456 * 646mm	
Packing	1 Piece per box	

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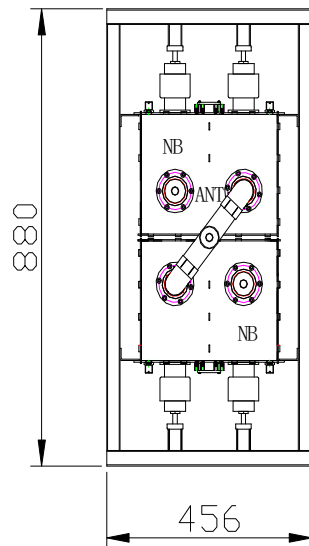
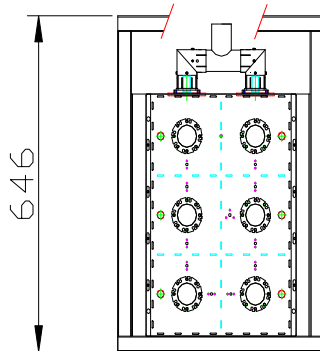
Phone: +1 (847) 415 2258 Fax: +1 (847) 415 2112

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