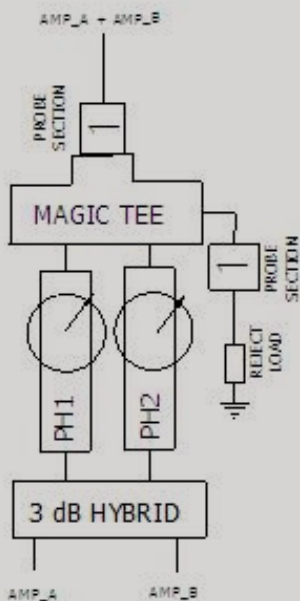


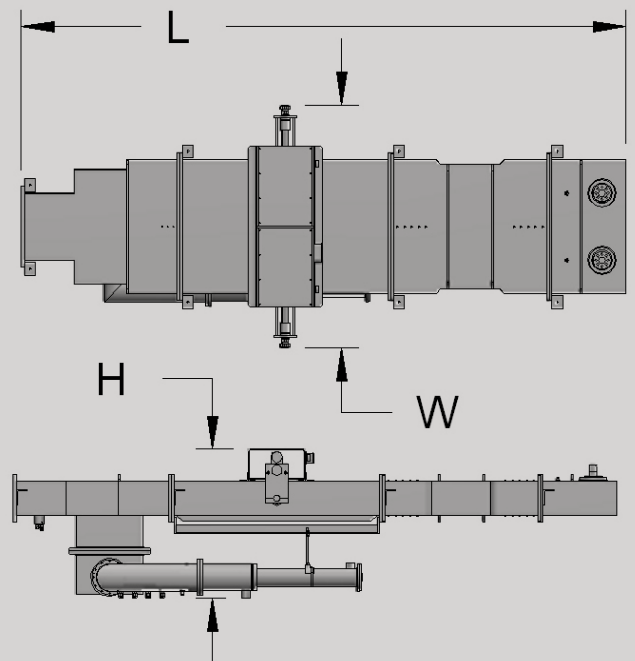
- Suitable for analog and digital TV applications
- Three models of operation: TXA + TXB to antenna, TXA to antenna, and TXB to antenna
- Cost effective solution for a single channel combiner
- Low VSWR
- No "off air" time during switching

Notes:

1. At ambient temperature 104°F (40°C, sea level, 0 PSIG). For higher power levels, please contact factory.
  2. Available at 3dB or 4.77dB combiner type.
  3. For more than 5,000 feet (1,524m) please contact the factory.
- Floor mounting frame available, contact factory.



Technical Images



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### Specifications

Typical Specifications for 6 MHz TV Standard	230 kW	140 kW	66 kW
Model Number	CU181S23	CU141S23	CU111S23
Total Average Power	230 kW	140 kW	66 kW
Frequency	470 - 494 MHz	494 - 680 MHz	650 - 860 MHz
Combiner Type	Switchless	Switchless	Switchless
Channel Spacing	Same Channel	Same Channel	Same Channel
A, B Input			
Average Power Handling	115 kW - 115 kW	70 kW - 70 kW	33 kW - 33 kW
Insertion Loss	<0.08 dB	<0.08 dB	<0.08 dB
Isolation Between Inputs	>32 dB	>32 dB	>32 dB
VSWR	<1.05	<1.05	<1.05
Connector	WR1800/ Coaxial EIA	WR1500/ Coaxial EIA	WR1150/ Coaxial EIA
Output Connector			
Isolation Between Outputs	>32 dB	>32 dB	>32 dB
Material	Al	Al	Al
Connector	WR1800/ Coaxial EIA	WR1500/ Coaxial EIA	WR1150/ Coaxial EIA
Control Voltage	12 V DC or 24 V DC	12 V DC or 24 V DC	12 V DC or 24 V DC
Interlocks	DPDT each position	DPDT each position	DPDT each positions
Ambient/ Storage Humidity	0-98% non condensing	0-98% non condensing	0-98% non condensing
Dimensions (L x W x H)	150" x 67" x 35.5" (3.8m x 1.7m x 0.9m)	138" x 55.3" x 34" (3.5m x 1.4m x 0.87m)	115.3" x 39" x 30.5" (2.9m x 1m x 0.78m)
Max Altitude	10,000 feet (3050m)	10,000 feet (3050m)	10,000 feet (3050m)
Application	ATV/DTV	ATV/DTV	ATV/DTV

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