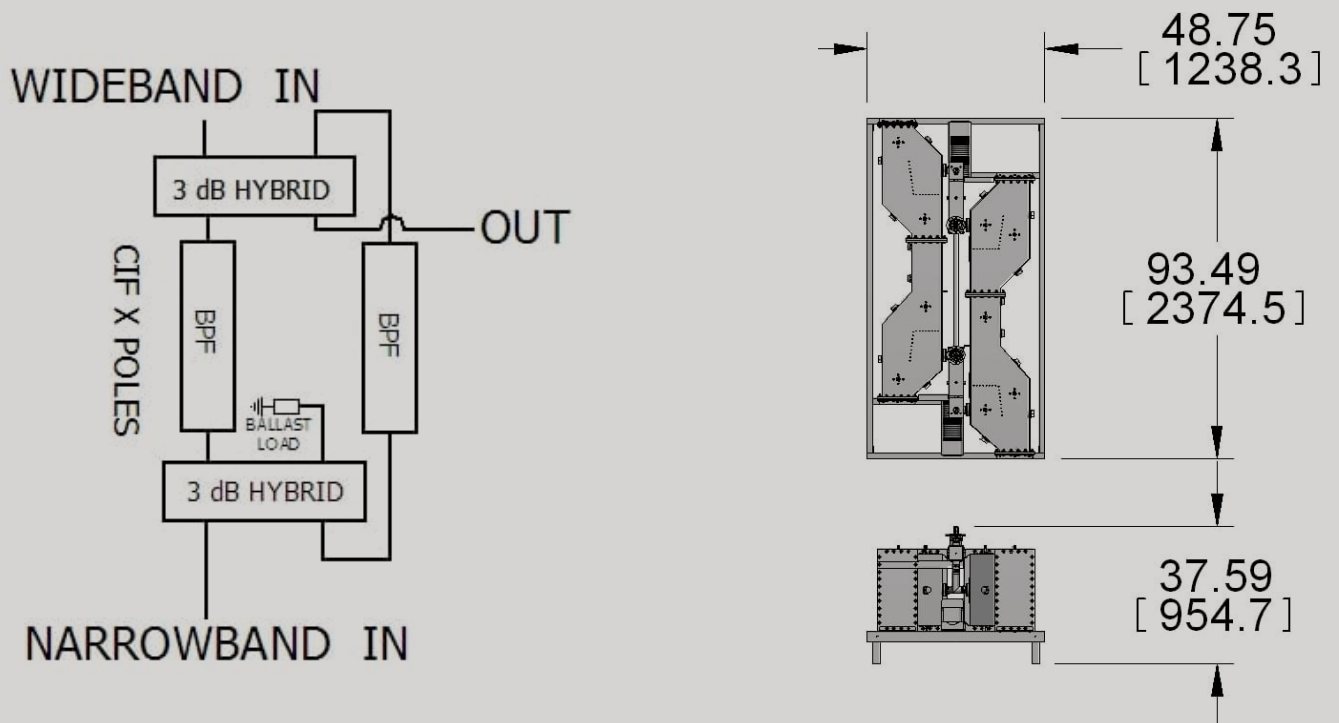


### Key Features:

- Suitable for analog and digital TV or mobile media applications
- Low VSWR
- Temperature compensated
- Dielectric is offering the CIF-channel combiner with filters, tuned for mask filter requirements too



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# H-VHF DTV Channel Filter/ Combiner Critical CIF 25kW

Model Number

CHV2CC93

Total Average Power <sup>1</sup>	16 kW
Frequency	174-230 MHz
Channel Spacing	≥0
Avg. Power Handling <sub>1</sub>	15 kW
Response Curve	Critical (Full Mask)
Temperature Compensated	yes
Insertion Loss 6MHz ATSC	
F0	<0.25 dB
F0±2.69 MHz	<0.65 dB
F0±3.00 MHz	<3.65 dB
F0±3.25 dB	>18 dB
F0±9.00 MHz	>64 dB
Group Delay Variation	< 450 nS over passband
Connector	1 5/8" EIA/ 31/8" EIA
Avg. Power Handling <sub>1,3</sub>	10 kW
Insertion Loss	≤0.1 dB
Group Delay Variation <sub>2</sub>	< 350 nS over passband
Connector	1 5/8" EIA 31/8" EIA
Output Connector	3 1/8" EIA
NB to WB	≥35 dB
WB to NB	≥50 dB
VSWR	<1.06
Material	Al with Invar rods
Hybrid Type	Coaxial
Number of Poles	9
Temperature Stability	< 50kHz shift over temperature range
Blowers & Shrouds	No
Ambient/ Storage Humidity	68°F(20°C) to 95°F(35°C)
Storage Temperature	32°F(0°C) to 122°F(50°C)
Ambient/ Storage Humidity	0-98% non-condensing
Dimensions (LxWxH)	94"x49"x38" (2.4m x 0.7m x 1.0m)
Weight	1000 lbs (454 kg)
Max Altitude <sub>4</sub>	10,000 feet (3050m)
Application	ATV/ DTV

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