



CH1 IN **Trusted for Decades. Ready for Tomorrow.**

Typical Specifications for 6 MHz TV Standard

Model Number	CIF-UF8T18C	CIF-UF8T15C	CIF-UF8T11C
Frequency	470-494 MHz	494-650 MHz	650-860 MHz
Average Handling Power ₁	7-15-25-75 kW	7-15-25-75 kW	7-15-25-75 kW
Type	CIF	CIF	CIF
Response Curve	Non Critical (Ful Mask)	Non Critical (Full Mask)	Non Critical (Full Mask)
Temperature Compensated	Temperature Tuned	Temperature Tuned	Temperature Tuned
VSWR	<1.06	<1.06	<1.06
Max. Altitude ₂	10,000 feet (3,050m)	10,000 feet (3,050m)	10,000 feet (3,050m)
Attenuation	6 MHz ATSC	6 MHz ATSC	6 MHz ATSC
F0	<0.3 dB	<0.3 dB	<0.3 dB
F0 ±2.69 MHz	<0.3 dB	<0.3 dB	<0.3 dB
F0 ±3.00 MHz	N/A	N/A	N/A
F0 ±3.25 MHz	N/A	N/A	N/A
F0 ±3.50 MHz	>0.05 dB	>0.05 dB	>0.05 dB
F0 ±4.50 MHz	>11 dB	>11 dB	>11 dB
F0 ±6.00 MHz	>30 dB	>30 dB	>30 dB
F0 ±9.00 MHz	>55 dB	>55 dB	>55 dB
Number of Poles	8	8	8
Group Delay Variation	<185 nS over passband	<185 nS over passband	<185 nS over passband
Hybrids	WR	WR	WR
Connectors	3-1/8" EIA / 3-1/8" EIA / 4-1/16" FLG / WR 1800	3-1/8" EIA / 3-1/8" EIA / 4-1/16" FLG / WR 1500	3-1/8" EIA / 3-1/8" EIA / 4-1/16" FLG / WR 1150
Temperature Stability	<50 kHz shift over temperature range	<50 kHz shift over temperature range	<50 kHz shift over temperature range
Blowers & Shrouds	Yes, P > 20 kW	Yes, P > 20 kW	Yes, P > 20 kW
Ambient Temperature	32°F (0°C) to 113°F (45°C)	32°F (0°C) to 113°F (45°C)	32°F (0°C) to 113°F (45°C)
Storage Temperature	32°F (0°C) to 122°F (50°C)	32°F (0°C) to 122°F (50°C)	32°F (0°C) to 122°F (50°C)
Ambient/ Storage Humidity	0-98% non condensing	0-98% non condensing	0-98% non condensing
Material	Al	Al	Al
Dimensions ₃ (L x W x H)	188" x 56" x 31" (4.8m x 1.4m x 0.8m)	174" x 48" x 28" (4.4m x 1.2m 0.7m)	146" x 42" x 26" (3.7m x 1.0m x 0.66m)
Weight ₄	1000 lbs (454 kg)	875 lbs (397 kg)	750 lbs (340 kg)
Applications	ATV/DTV	ATV/DTV	ATV/DTV