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Typical Specifications for 6 MHz TV Standard

Model Number	UF6E18C	UF6E15C	UF6E11C
Frequency	470-494 MHz	494-680 MHz	650-860 MHz
Average Handling Power ₁	7-15-25-75 kW	7-15-25-75 kW	7-15-25-75 kW
Type	Reflective	Reflective	Reflective
Response Curve	Non Critical (Ful Mask)	Non Critical (Full Mask)	Non Critical (Full Mask)
Temperature Compensated	Yes	Yes	Yes
VSWR	<1.1	<1.1	<1.1
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	<0.25 dB	<0.25 dB	<0.25 dB
F0 ±2.69 MHz	N/A	N/A	N/A
F0 ±3.00 MHz	<0.3 dB	<0.3 dB	<0.3 dB
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	>64 dB	>64 dB	>64 dB
Number of Poles	6	6	6
Group Delay Variation	<150 nS over passband	<150 nS over passband	<150 nS over passband
Hybrids	N/A	N/A	N/A
Connectors	3-1/8" EIA / 3-1/8" EIA / 4-1/16" FLG	3-1/8" EIA / 3-1/8" EIA / 4-1/16" FLG	3-1/8" EIA / 3-1/8" EIA / 4-1/16" FLG
Temperature Stability	<50 kHz shift over temperature range	<50 kHz shift over temperature range	<50 kHz shift over temperature range
Blowers & Shrouds	Yes, P > 10 kW	Yes, P > 10 kW	Yes, P > 10 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	Invar	Invar	Invar
Dimensions ₃ (L x W x H)	33" x 24" x 90" (0.8m x 0.6m x 2.3m)	33" x 24" x 90" (0.8m x 0.6m 2.3m)	33" x 24" x 90" (0.8m x 0.6m x 2.3m)
Weight ₄	425 lbs (193 kg)	375 lbs (170 kg)	300 lbs (136 kg)
Applications	ATV/DTV	ATV/DTV	ATV/DTV