

Reactel, Incorporated

Reacting First to All Your Filter Needs.

High Power HF Band Lowpass Filter

5LX6-X30N11

This high power lowpass filter passes the HF Band, holding attenuation out to 500 MHz while withstanding power levels of 1250 W CW. Reactel has a large variety of high power filters and multiplexers; please contact the factory with your specifications.



Specifications

Passband	DC – 30.01 MHz, minimum
Insertion Loss	≤ 0.75 dB @ DC – 28 MHz
Insertion Loss	≤ 1.5 dB @ 28 – 30.01 MHz
VSWR	$\leq 1.5:1$
Attenuation	≥ 45 dB @ 33 – 60 MHz ≥ 60 dB @ 60 – 240 & 270 – 500 MHz ≥ 80 dB @ 240 – 270 MHz
Phase Linearity	$\leq 1^\circ$ @ any 10 kHz segment of the Passband
Power	1250 W CW
Operating Temperature	0° to +50° C
Connectors	Type N Female in / out
Size	3.0" high x 6.0" wide x 12.9" long, nominal excluding connectors