

FST Series Extremely Fast Switching

PRODUCT FEATURES

- Switching Speeds less than 1 μ Sec

GENERAL CHARACTERISTICS

- Frequency: Up to 6 GHz
- Step Size: Down to 1 KHz
- Phase Noise ($F_{out}=2.4$ GHz): <-110 dBc/Hz @ 10 KHz
- Supply Voltage: +5, +8, or +12 VDC
- Package: 3.5" x 2.5" x 0.6"
(88.9 x 63.5 x 15.2)mm



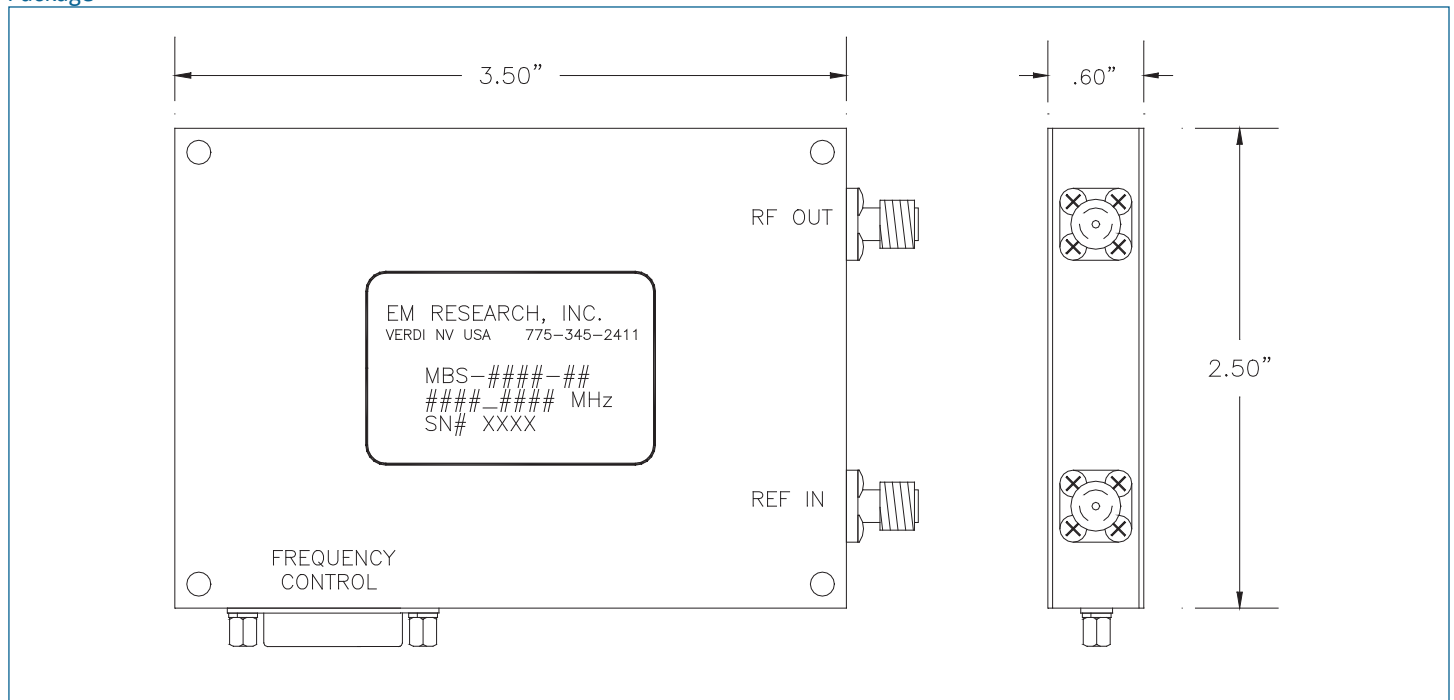
Custom
Designs
Available

Typical Performance for Select Units

Model #	Frequency (MHz)	External Reference (MHz)	Temperature Range (operating)	Step Size (KHz)	Power		Phase Noise (dBc/Hz)		Spurious (dBc)	Supply Current (Vdc)	Voltage (mA)	Switch Speed
					Output (dBm)	Harmonics (dBc)	10 KHz	100KHz				
FST-90-XX	80-90	10	-30°C to +70°C	1000	7	-40	-90	-110	<-60	12	500	< 1 μ Sec
FST-150-XX	100-150	Internal	-30°C to +70°C	1	7	-15	-90	-110	<-60	5	480	< 1 μ Sec
FST-1850-XX	1700 - 1850	10	-30°C to +70°C	50	7	-20	-85	-110	<-55	5	480	< 1 μ Sec
FST-2500-XX	2400-2500	10	-30°C to +70°C	50	7	-20	-85	-110	<-55	5	480	< 1 μ Sec
FST-3050-XX	2950-3050	10	-30°C to +70°C	50	7	-20	-85	-110	<-45	5	480	< 1 μ Sec
FST-3100-XX	3000-3100	10	-30°C to +70°C	50	7	-20	-85	-110	<-55	5	480	< 1 μ Sec
FST-4500-XX	4400-4500	10	-30°C to +70°C	50	7	-20	-85	-110	<-55	5	480	< 1 μ Sec

*Custom frequencies available. All specifications are typical unless otherwise specified and subject to change without notice.

Package



Note: All dimensions are in inches, unless otherwise specified

*Drawing not to scale