

6.0 TO 10.0 GHz, HIGH SPEED, FREQUENCY DISCRIMINATOR



Planar Monolithics Industries, Inc. offers a line of Frequency Discriminators that are available in Broadband as well as Octave and Sub-Octave Band Models. PMI Model No: FD-0518-10 with Option 610 is a Sub-Octave model that operates from 6.0 to 10.0 GHz with a Typical Input VSWR of 1.5:1. The device operates with RF Input Power of +10 dBm, $\pm 10\%$ and a Survival Rating of +15 dBm. The Video Output Slope is 50 mV / GHz with a Video Output Rise Time of 20 nS and a Nominal Video Impedance of 100 Ohms. The Frequency Discriminator's Accuracy is ± 200 MHz Typical. The Size is 2.00" X 1.80" X 0.50" it uses a DC Power Supply of +15 Volts at +75mA and -15 Volts at -75mA Maximum.

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