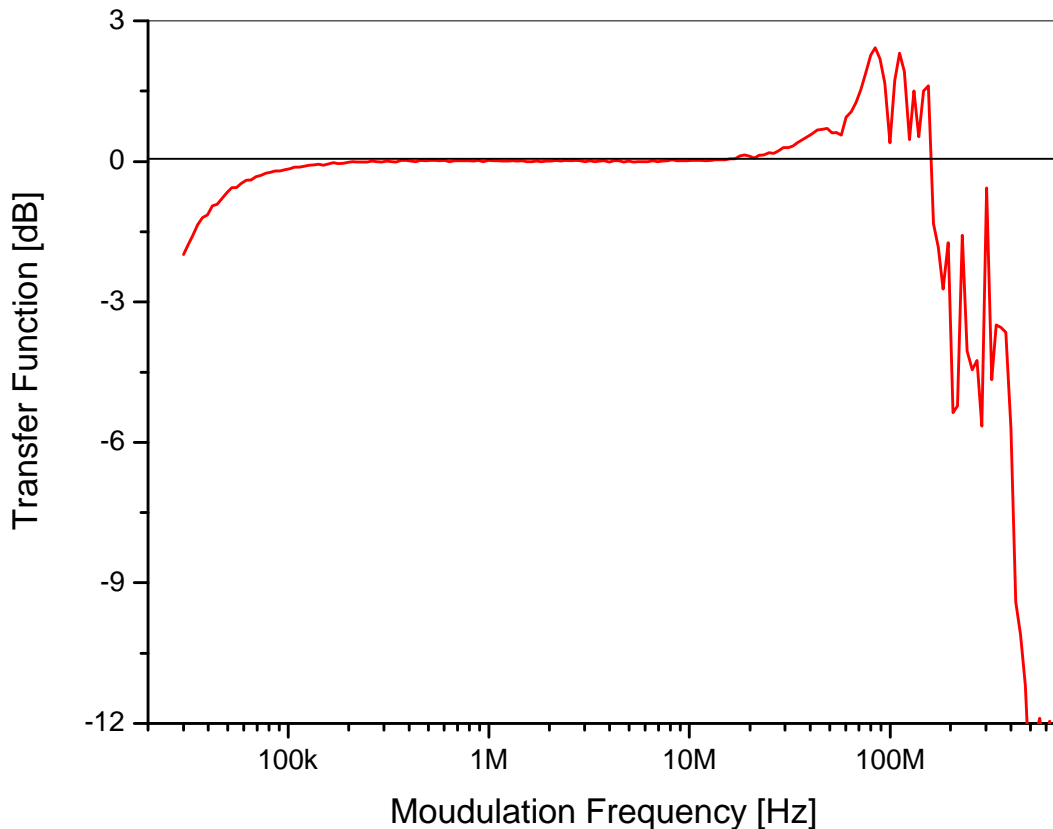


Technical Note: Bias Tee Model No. BT16

Many diode laser applications require high frequency modulation of the injection current. An important examples is the Pound Drever Hall stabilization scheme for external cavity diode lasers. Therefore, we include within the protection circuit of our laser heads a high frequency bias tee.



The bias tee is an in-house design of Sacher Lasertechnik Group. It offers a flat transmission function from 100kHz up to more than 100MHz and a cut off frequency above 150MHz. This transmission function is suitable for most laser applications. The measurement was performed via a current probe.

The transmission function is suitable for most laser applications. The input impedance is 50Ω. Since this bias tee is under the full intellectual property of Sacher Lasertechnik Group, we easily may customize the bias tee according to your requirements.

Document: <http://data.sacher-laser.com/techdocs/bt16.pdf>
 Note: Specification are subject to change without further notice

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