

# 30 kHz - 4 GHz, 10 A, 250 V High Current Bias Tee BT-10250A

Advanced TLP/HMM/HBM Solutions



Fig. 2 shows the typical impulse response from port 1 to port 2, measured with 100 ps input rise time. The time delay of the output signal has been deskewed in the output plot of Fig. 2. In Fig. 3 the typical insertion loss from port 1 to port 2 is shown.

Figure 2: Typical measured impulse response of the bias tee from pulse input (port 1) to pulse output (port 2).

1

2

2.1



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Figure 3: Typical insertion loss: pulse input to DC/pulse output in [dB]. Measurement condition: DC input port 3 short circuit to GND.

### **Ordering Information** 3

Pos.	Description	Part No.
01	30 kHz – 4 GHz, 10 A, 250 V High Current	BT-10250A
	Bias Tee	

### General

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Due to technical requirements our products and/or their application may be harmful. For information please read carefully the manual or contact HPPI. Safety notes in the manual will inform you about possible risks that result from any foreseeable application of our products. Changes of this data-sheet are reserved.

#### **Laboratory Safety Requirement** 2.2

Interlock operation above an operation voltage of 40 V needed to avoid life-endangerment risks.

## **Physical Dimensions**



Figure 4: Physical dimensions of the BT-10250A in [mm]