

超快太赫兹探测器

产品名称	超快太赫兹探测器
公司名称	上海屹持光电技术有限公司
价格	30000.00/件
规格参数	品牌:Terasense 型号:Ultrafast Terahertz detectors
公司地址	上海市闵行区剑川路955号1108室
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产品详情

产品简介

Terasense超快太赫兹探测器作为一款亚太赫兹波段的被动式超快探测器，非常简便易用。只用连接上示波器就可以使用（或者其他任何电压探测器）。用一根同轴 SMA 型输出连接器连接并把它放在 THz 或 Sub_THz 辐射下即可使用。

产品特点和参数：—— 响应时间：150 ps—— 频率范围：50 GHz-1.0 THz——
典型响应度：1V/W—— 噪声等效功率：1nW/Hz^{1/2}—— 敏感区域：3mm × 3.5mm——
不需要电源供给—— 尺寸：23mm × 29mm × 6.5mm

时间响应：

The measured short response time makes it possible to use our detectors for straightforward investigation of fast transient processes in THz-science and telecommunication.

频率响应：

TeraSense detectors are sensitive in a wide frequency range. However their frequency response is not continuous, but consists of multiple bands (peak structures). Positions of the peaks in responsivity curve can be tuned at manufacturing stage to suit specific client 's requirements.

Our ultrafast high-sensitive sub-THz detectors are meant for exploring fast-changing and transient sub-THz signals and impulses. Terasense detectors are actually expediting the advent of ultra-high-speed wireless telecommunication networks that is about to happen in the nearest future. Terasense ultrafast detectors are also an ultimate tool for characterization, calibration and tuning of impulse sub-THz sources