

Datasheet

Power Detector

0.1 to 40 GHz
COMP-PD-0040-BEK28

Features

- Ultra-Wideband, 0.1 to 40 GHz
- 35dB Linear Dynamic Range (< ±1dB Error)
- GUI Ready
- Affordable



Figure 1. Photo of Power Detector

Electrical Specifications

Parameter	Conditions	Unit	Min.	Typ.	Max.
Operating Frequency	---	GHz	0.1	---	40
Dynamic Range	---	dB		35	
Uncertainty	---	dB	---	±1	
Isolation	---	dB	---	15	---
Input Impedance	---	Ω	---	50	---
Temperature Range	---	°C	-40	---	105
Supply Voltage	---	V	---	3.3	---
Current Consumption	---	mA	---	200	---

Device Specifications

Parameter	Conditions	Unit	Specification
RF Port	---	---	2.92 mm (K-type)
Weight	---	g	149
Main-Body Dimension	Length	mm	115.5
	Width	mm	83.3
	Height	mm	34.1

Typical Performances

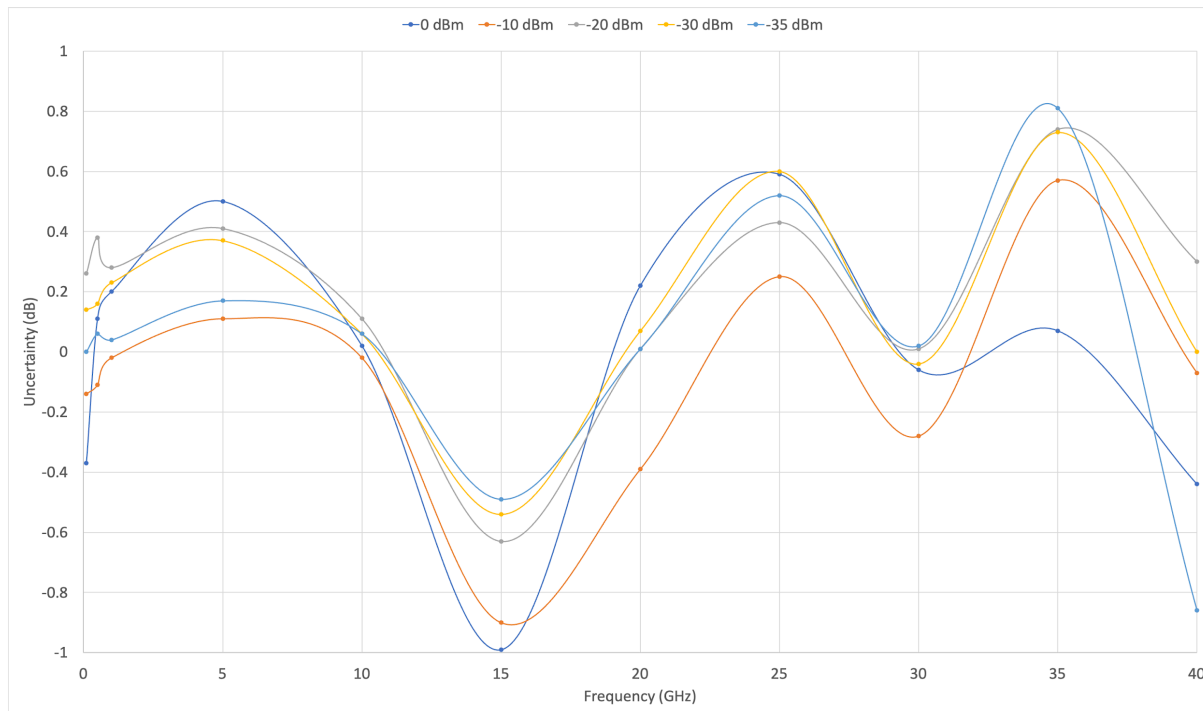


Figure 2. Uncertainty

Appearance

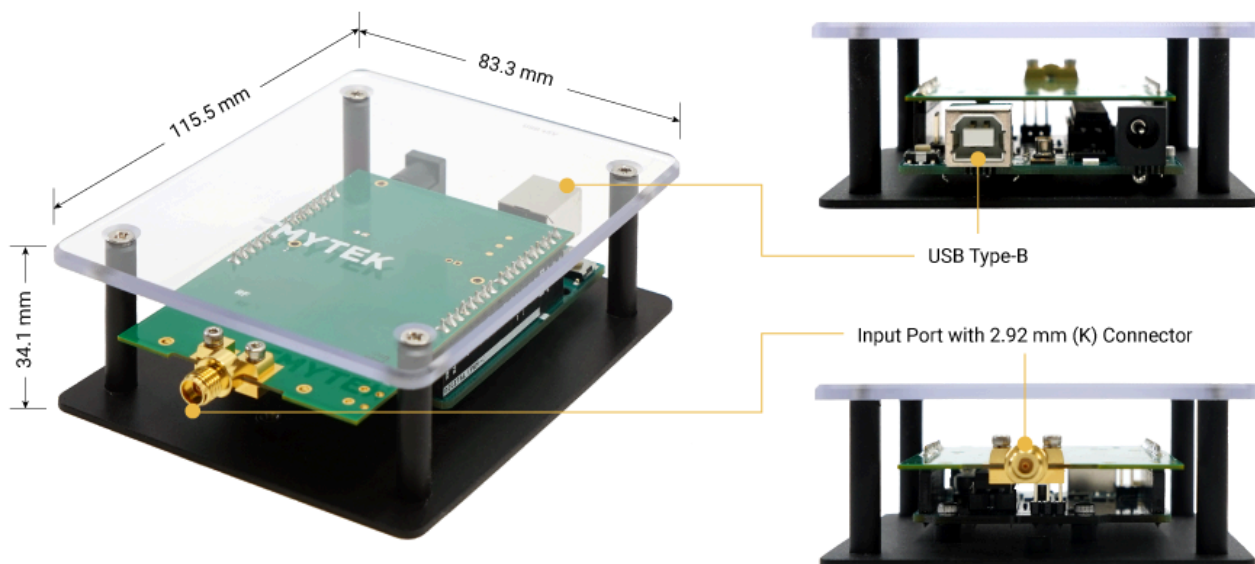


Figure 3. Appearance dimensions & Interface