

3 GHz C input option for PM6680, PM6681 and PM6685.

PRELIMINARY DATASHEET

this is not the final version of the datasheet and the information presented here is bound to change.

Features

- Improved sensitivity.
- Can be used past 3 GHz.
- VSWR < 2.5.
- AC coupled (max 35 V to GND).

Description

The Cojotech PMO-030 is a replacement kit for the original C input option, for the PM6680, PM6681 and PM6685, which have been discontinued.

It offers improved sensitivity and can even be used outside the specified range.

Package contents

- PMO-030 board.
- N-type connector with cable.

Warranty

This product benefits from a 2-year warranty against defects in materials and workmanship.

Absolute Maximums

Parameter	Ratings
Input Power	27 dBm (5 Vrms)
DC Voltage	± 35 V

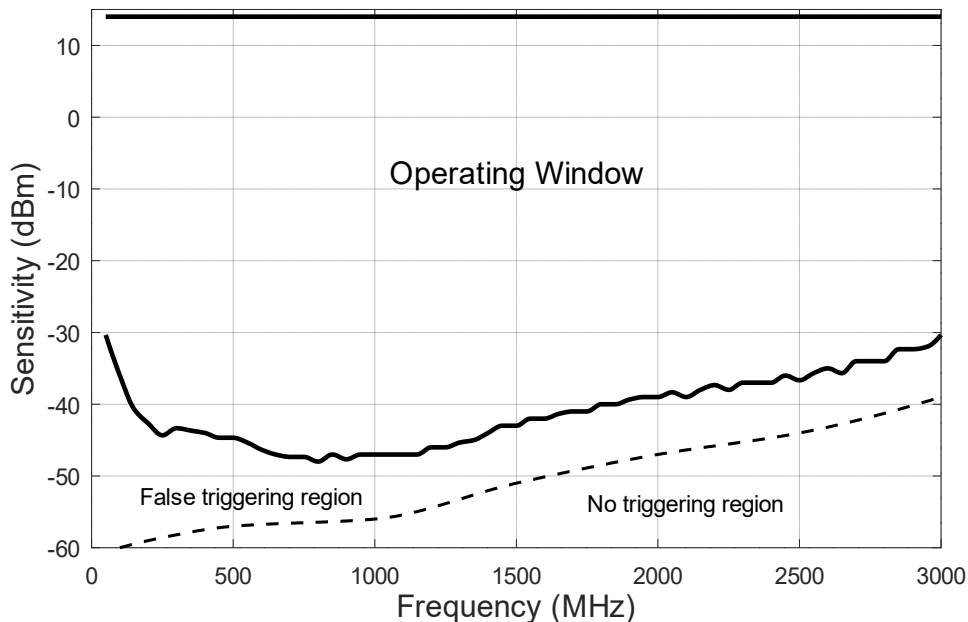
Sensitivity

The required amplitude for a reading with an accuracy of 0.1 ppm.

Correct operation tested up to +14 dBm, limited by signal generator.

Frequency (MHz)	Typical (dBm)	Worst (dBm)
50	-26	-22
100	-36	-28
200	-42	-38
500	-44	-42
1,000	-47	-45
1,500	-43	-41
2,000	-39	-37
2,500	-36	-34
3,000	-30	-28

Sensitivity vs Frequency



Notes:

- 1). Unless otherwise stated, all specifications are nominal.
- 2). The information contained in this document is accurate to the best of our knowledge. We reserve the right to update it, with new information or corrections, without notice.