



3.5mm Male General Purpose Calibration Kit Component Open Circuit Operating From DC to 26.5 GHz

TECHNICAL DATA SHEET

PE5SC2001

Pasternack's PE5SC2001 offers excellent performance characteristics that is specially designed for the fine-tuning and calibration of sensitive test equipment in engineering labs, production environments, and quality testing facilities. All of our calibration kits & components are built to withstand years of rigorous use and provide accurate RF equipment calibration for the life of the product. Pasternack's broad portfolio of test and measurement components offer users a variety of options that are technically and economically suitable for a broad spectrum of RF applications and environments.

As a leading solutions provider of RF calibration instruments and compatible RF components, you can rely on Pasternack to have all of the T&M products you need in-stock and available to ship same-day.

Features

- Functional from DC to 26.5 GHz
- See PE5CK1000 for full standard kit which includes (9) 3.5mm short-open-load-thru (SOLT) components
- Suitable for many 50 Ohm network analyzers including, but not limited to:
 - Agilent / HP (N5222A/24A, N5225A/27A, N5232A, N5234A/35A, N5242A/44A, N5245/47A)
 - Rohde & Schwarz (ZVB, ZNB)
 - Anritsu (MS2038C, MS2028C, MS2027C, MS4640B)

Applications

- VNA, Full 2-Port CAL
- VNA, Thru CAL
- VNA Substitution CAL Method
- Test & Measurement
- Lab Equipment Accessories
- Engineering Test and Evaluation
- General Purpose Test and Evaluation

Configuration

Connector	3.5mm Male
Component Type	Open Circuit
Impedance	50 Ohms
Frequency Range	DC to 26.5 GHz

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range		DC - 26.5		GHz
Impedance		50		Ohm
Phase, DC - 3GHz			0.65	Degrees
Phase, 3 - 8GHz			1.2	Degrees
Phase, 8 - 26.5GHz			2	Degrees

Mechanical Specifications

Item	Description	Units
Housing	Gold plated Copper	
Center Pin	Gold plated Beryllium	
Connector	50 Ohm 3.5mm Male	
Connector Screw Thread	1/4"-36UNS	Inch
Dimensions	0.394 [10] ϕ , 0.977 [24.8] L	Inch [mm]
Net Weight	9.8	g

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Male General Purpose Calibration Kit Component Open Circuit Operating From DC to 26.5 GHz PE5SC2001](#)



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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

REACH Compliant

06/16/2014

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

3.5mm Male General Purpose Calibration Kit Component Open Circuit Operating From DC to 26.5 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Male General Purpose Calibration Kit Component Open Circuit Operating From DC to 26.5 GHz PE5SC2001](http://www.pasternack.com/50ohm-3.5mm-male-calibration-kit-component-open-circuit-26.5-ghz-pe5sc2001-p.aspx)

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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

