The Engineer's Immediate RF Source

1.0mm Male to 1.0mm Male Armored Low Loss Test Cable 6 Inch Length

PE3C100021-6

Configuration

- Connector 1: 1.0mm Male
- Connector 2: 1.0mm Male
- Coax Flex Type: Flexible

Features

- Max Frequency 110 GHz
- FEP Jacket

Applications

General Purpose

Test & Measurement

· Laboratory Use

Description

Pasternack's PE3C100021-6 1.0mm male to 1.0mm male 6 inch cable using coax is part of our full line of RF components available for sameday shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack 1.0mm to 1.0mm cable assembly has a male to male gender configuration with 50 ohm flexible coax. The PE3C100021-6 1.0mm male to 1.0mm male to 1.0mm male cable assembly operates to 110 GHz.

Custom versions of these RF cable assemblies can be built and shipped within two weeks. Custom cable assembly lengths can be obtained by contacting a sales representative. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		110	GHz
VSWR			1.6:1	
Insertion Loss			4.37	dB
Phase Stability with Flexure			15	Degrees

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Cable Assembly Length Width/Diameter Weight	6 in [152.4 mm] 0.5 in [12.7 mm] 0.15 lbs [68.04 g]
Cable Impedance Inner Conductor Material and Plating Dielectric Type Jacket Material One Time Minimum Bend Radius	50 Ohms Copper, Silver PTFE FEP 1.2 in [30.48 mm]







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Connectors

Description	Connector 1	Connector 2	
Туре	1.0mm Male	1.0mm Male	
Impedance	50 Ohms	50 Ohms	
Configuration	Straight	Straight	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Outer Conductor Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel	

Environmental Specifications

Operating Range Temperature

-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes: Values at 25°C, sea level.



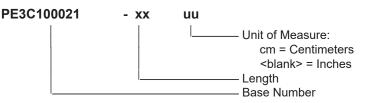
1.0mm Male to 1.0mm Male Armored Low Loss Test Cable 6 Inch Length

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Typical Performance Data

How to Order

Part Number Configuration:



Example: PE3C100021-12 = 12 inches long cable PE3C100021-100cm = 100 cm long cable

1.0mm Male to 1.0mm Male Armored Low Loss Test Cable 6 Inch Length from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: 1.0mm Male to 1.0mm Male Armored Low Loss Test Cable 6 Inch Length PE3C100021-6

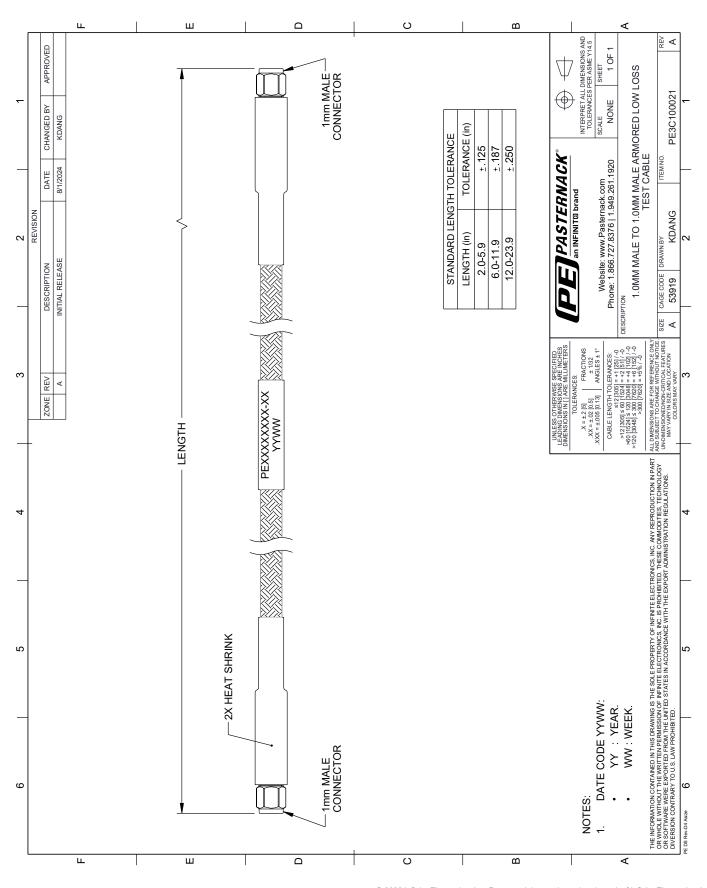
URL: https://www.pasternack.com/1.0mm-male-to-1.0mm-male-cable-6-inch-length-pe3c100021-6-p.aspx

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PE3C100021-6 CAD Drawing

1.0mm Male to 1.0mm Male Armored Low Loss Test Cable 6 Inch Length



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