



2.4mm Male to 1.85mm Male Cable Using PE-P086 Coax, RoHS

TECHNICAL DATA SHEET

PE3C0751

Configuration

Connector 1	2.4mm Male
Connector 2	1.85mm Male
Cable Type	PE-P086

Electrical Specifications

Frequency Range	DC to 50 GHz
Impedance	50 Ohms
Maximum VSWR	1.4:1
Maximum Insertion Loss	2.1 dB/ft [6.89 dB/m]
Velocity of Propagation	70 %
RF Shielding	110 dB

Typical Performance by Frequency

Frequency 1

Frequency	2.5 GHz
VSWR	1.3:1
Insertion Loss,	0.5 dB/ft [1.64 dB/m]

Frequency 2

Frequency	5 GHz
VSWR	1.3:1
Insertion Loss	0.7 dB/ft [2.3 dB/m]

Frequency 3

Frequency	10 GHz
VSWR	1.3:1
Insertion Loss	1 dB/ft [3.28 dB/m]

Frequency 4

Frequency	20 GHz
VSWR	1.4:1
Insertion Loss	1.3 dB/ft [4.27 dB/m]

Frequency 5

Frequency	40 GHz
VSWR	1.4:1
Insertion Loss	1.9 dB/ft [6.23 dB/m]

Frequency 6

Frequency	50 GHz
VSWR	1.4:1
Insertion Loss	2.1 dB/ft [6.89 dB/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Male to 1.85mm Male Cable Using PE-P086 Coax, RoHS PE3C0751](#)



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Notes:

- Values at +25 °C, sea level

2.4mm Male to 1.85mm Male Cable Using PE-P086 Coax, RoHS 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.

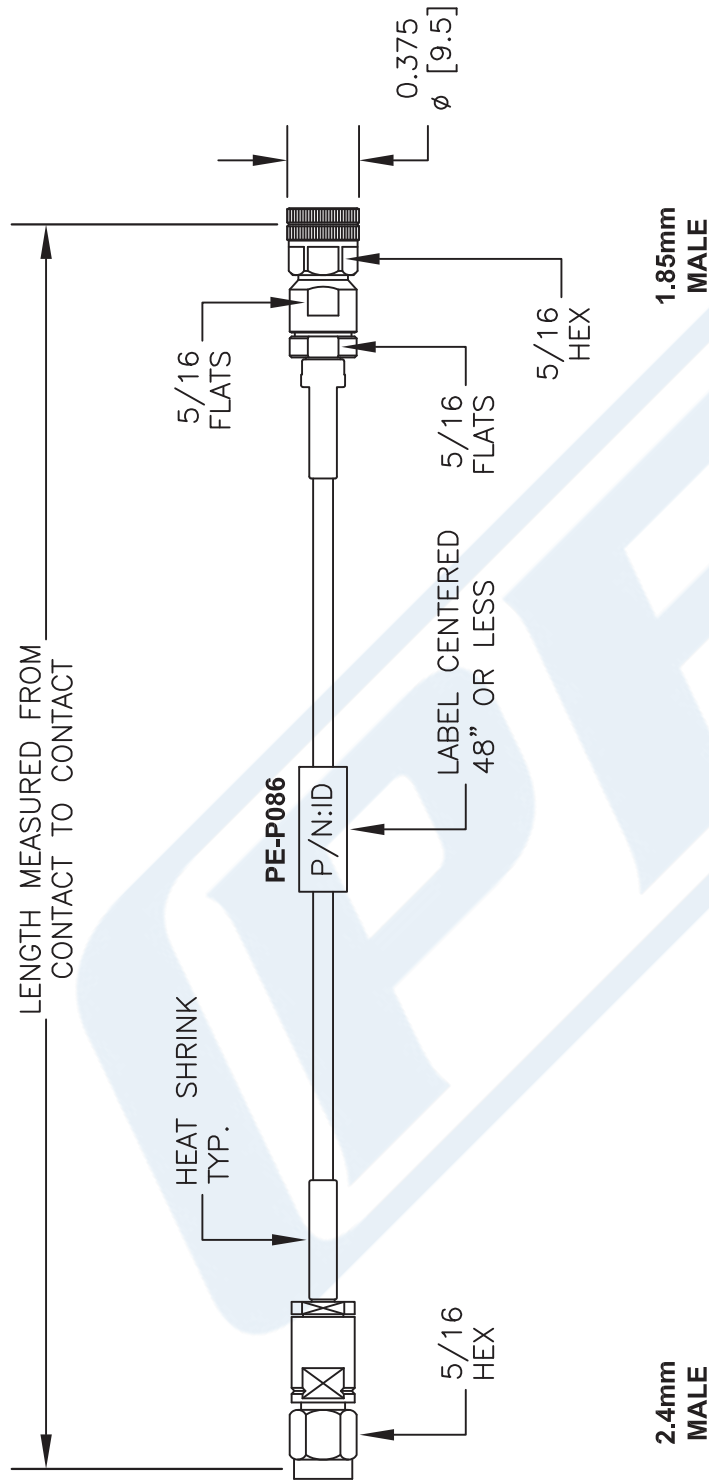
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Male to 1.85mm Male Cable Using PE-P086 Coax, RoHS PE3C0751](http://www.pasternack.com/2.4mm-male-1.85mm-male-pe-p086-cable-assembly-pe3c0751-p.aspx)

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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.

PE3C0751 CAD Drawing

2.4mm Male to 1.85mm Male Cable Using PE-P086 Coax, RoHS



How To Order					
<div>Part Number Configuration</div> <div>PE3 <div>zzz</div> <div>yy</div> - <div>xx</div> <div>uu</div></div> <div>00 - 99999</div> <div>LF = RoHS Compliant</div> <div>< Blank > = Standard</div> <div>Note: LF applies only to RF cables</div>	<div>Examples</div> <div>PE3000LF-100</div> <div>PE3000-100</div> <div>PE3000LF-100CM</div> <div>PE3000-100CM</div>				
		-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		Custom Length		-xxCM	Custom Length

NOTES:
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].
 4. LENGTH TOLERANCE IS $\pm 1.5\%$ OR $3/8"$, WHICHEVER IS GREATER.

DWG TITLE

PE3C0751

Pasternack
 THE ENGINEER'S RF SOURCE
 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE

031214

SCALE N/A

SIZE A

2233