



2.4mm Male to 1.85mm Male Cable 24 Inch
Length Using PE-P086 Coax

TECHNICAL DATA SHEET

PE3C0751-24

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
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

Frequency 2

Frequency	5 GHz
VSWR	1.3:1
Insertion Loss	0.7 dB

Frequency 3

Frequency	10 GHz
VSWR	1.3:1
Insertion Loss	1 dB

Frequency 4

Frequency	20 GHz
VSWR	1.4:1
Insertion Loss	1.3 dB

Frequency 5

Frequency	40 GHz
VSWR	1.4:1
Insertion Loss	1.9 dB

Frequency 6

Frequency	50 GHz
VSWR	1.4:1
Insertion Loss	2.1 dB

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 24 Inch Length Using PE-P086 Coax PE3C0751-24](#)



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Mechanical Specifications

Temperature

Temperature Operating Range -55 to +200 deg C

Size

Length 24 in [609.6 mm]
Diameter 0.375 in [9.53 mm]
Cable Color Blue
One Time Minimum Bend Radius 0.4 in [10.16 mm]
Repeated Minimum Bend Radius 1.57 in [39.88 mm]

Cable

Cable Type PE-P086
Inner Conductor Type Solid
Cable Inner Conductor Copper Clad Steel, Silver
No of Shields 2
Dielectric Type PTFE
Jacket Material FEP
Jacket Diameter 0.104 in [2.64 mm]

Connector 1

Type 2.4mm Male
Configuration Straight
Inner Conductor Material and Plating Beryllium Copper, Gold
Coupling Nut Material and Plating Passivated Stainless Steel
Hex Size 5/16 in.
Torque 8 in-lbs [0.9 Nm]
Body Material and Plating Passivated Stainless Steel
Dielectric Type PPO

Connector 2

Type 1.85mm Male
Configuration Straight
Inner Conductor Material and Plating Beryllium Copper, Gold
Coupling Nut Material and Plating Passivated Stainless Steel
Hex Size 5/16 Inch
Torque 8 in-lbs [0.9 Nm]
Body Material and Plating Passivated Stainless Steel
Dielectric Type Noryl

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

For RoHS Compliant version, use PE3c0751LF-24. Contact Pasternack if product cannot be found.

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 24 Inch Length Using PE-P086 Coax PE3C0751-24](#)



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Notes:

- Values at +25 °C, sea level

2.4mm Male to 1.85mm Male Cable 24 Inch Length Using PE-P086 Coax 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.

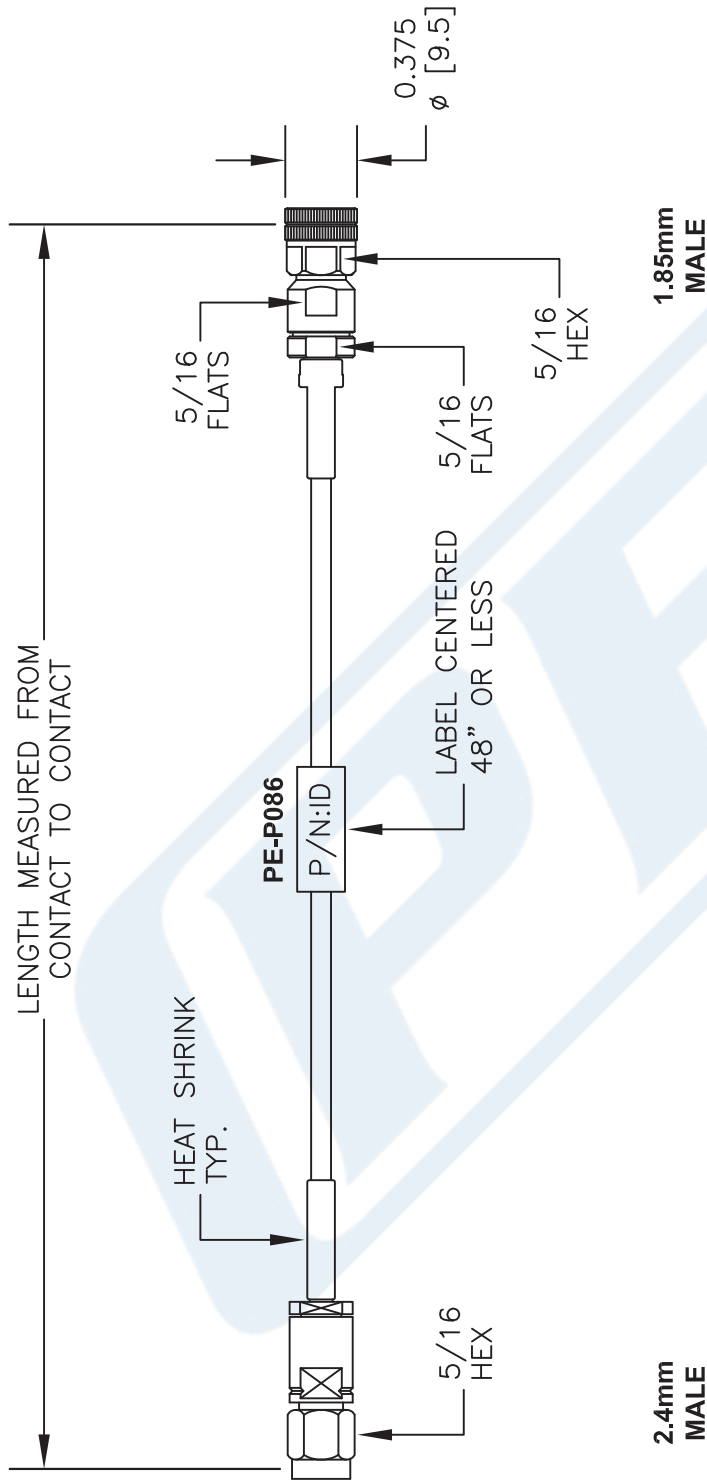
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Male to 1.85mm Male Cable 24 Inch Length Using PE-P086 Coax PE3C0751-24](#)

URL: <http://www.pasternack.com/2.4mm-male-1.85mm-male-pe-p086-cable-assembly-pe3c0751-24-p.aspx>

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.

PE3C0751-24 CAD Drawing

2.4mm Male to 1.85mm Male Cable 24 Inch Length Using PE-P086 Coax



2.4mm
MALE

1.85mm
MALE

How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration PE3 <input type="text" value="zzz"/> <input type="text" value="yy"/> <input type="text" value="xx"/> <input type="text" value="uu"/> 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
Examples PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM		-24	24"	-50CM	50Cm
CM = Centimeters < Blank > = Inches _____ Length		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		-XX	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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE
PE3C0751

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FSCM NO. 53919

CAD FILE 031214 SCALE N/A SIZE A 2233