



2.4mm Male to 1.85mm Male Cable 12 Inch
Length Using PE-P086 Coax

TECHNICAL DATA SHEET

PE3C0751-12

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 12 Inch Length Using PE-P086 Coax PE3C0751-12](#)



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Mechanical Specifications

Temperature

Temperature Operating Range -55 to +200 deg C

Size

Length 12 in [304.8 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)

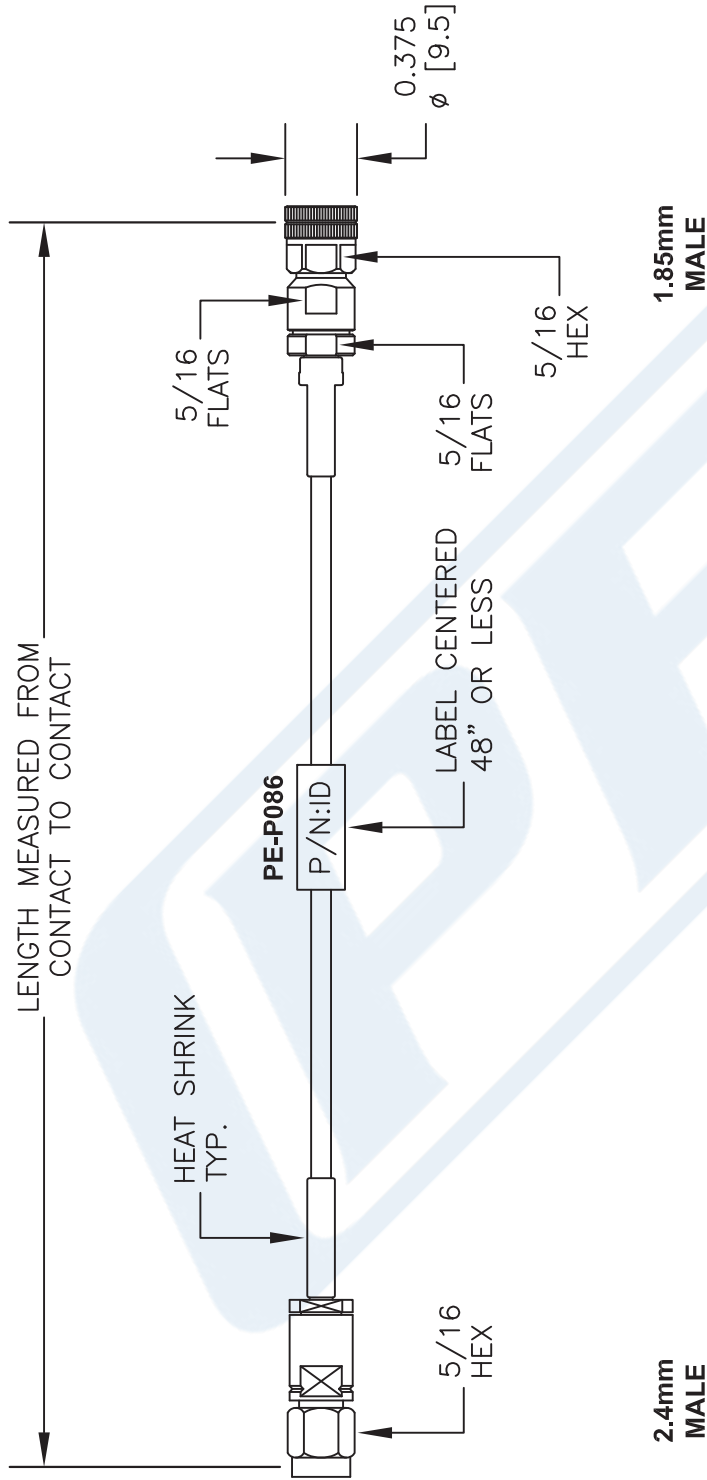
For RoHS Compliant version, use PE3c0751LF-12. Contact Pasternack if product cannot be found.

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 12 Inch Length Using PE-P086 Coax PE3C0751-12](#)

PE3C0751-12

PE3C0751-12 CAD Drawing

2.4mm Male to 1.85mm Male Cable 12 Inch Length Using PE-P086 Coax



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> <div>CM = Centimeters</div> <div>< Blank > = Inches</div> <div>Length</div>			
		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
		-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-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 $\pm 1.5\%$ OR $3/8"$, WHICHEVER IS GREATER.

DWG TITLE
PE3C0751

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FSCM NO. 53919		CAD FILE	031214	SCALE	N/A	SIZE	A
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