



2.4mm Male to 1.85mm Male Cable 36 Inch  
Length Using PE-P086 Coax

TECHNICAL DATA SHEET

PE3C0751-36

**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 36 Inch Length Using PE-P086 Coax PE3C0751-36](#)



2.4mm Male to 1.85mm Male Cable 36 Inch  
Length Using PE-P086 Coax

TECHNICAL DATA SHEET

PE3C0751-36

**Mechanical Specifications**

**Temperature**

Temperature Operating Range -55 to +200 deg C

**Size**

Length 36 in [914.4 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](http://www.Pasternack.com) for current document)

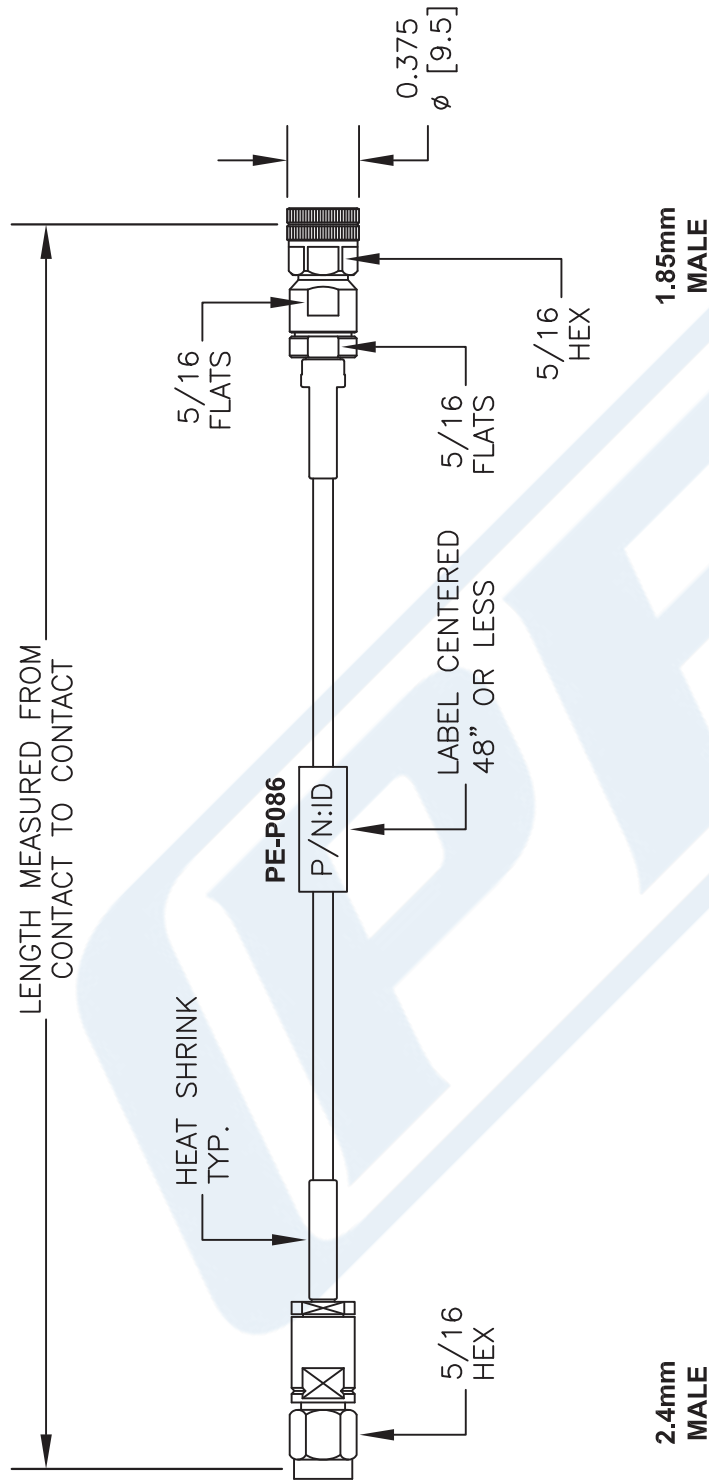
For RoHS Compliant version, use PE3c0751LF-36. Contact Pasternack if product cannot be found.

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 36 Inch Length Using PE-P086 Coax PE3C0751-36](#)

PE3C0751-36

# PE3C0751-36 CAD Drawing

2.4mm Male to 1.85mm Male Cable 36 Inch Length Using PE-P086 Coax



How To Order					
<div>Part Number Configuration</div> <div>PE3 <input type="text" value="zzz"/> <input type="text" value="yy"/> - <input type="text" value="xx"/> <input type="text" value="uu"/></div> <div>00 - 99999</div> <div>LF = RoHS Compliant</div> <div>&lt; Blank &gt; = 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
		-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**

**Pasternack Enterprises, Inc.**  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

FSCM NO. 53919

CAD FILE 031214

SCALE N/A

SIZE A

2233