



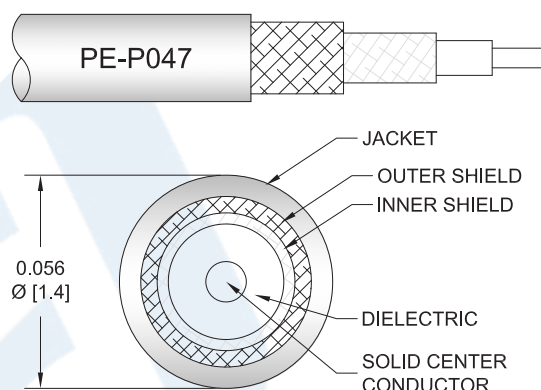
SMP Female to SMP Female Cable Using PE-P047 Coax, RoHS

RF Cable Assemblies Technical Data Sheet

PE3C0757

Configuration

- Connector 1: SMP Female
- Connector 2: SMP Female
- Cable Type: PE-P047



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.45:1	
Velocity of Propagation		70		%
RF Shielding	90			dB
Capacitance		29 [95.14]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	8	12	18		GHz
Power Handling (Max.)	61	13	10	8		Watts

Mechanical Specifications

Cable Assembly

Diameter	0.134 in [3.4 mm]
Weight	0.008 lbs [3.63 g]
One Time Minimum Bend Radius	0.2 in [5.08 mm]
Repeated Minimum Bend Radius	0.4 in [10.16 mm]

Cable

Cable Type	PE-P047
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female to SMP Female Cable Using PE-P047 Coax, RoHS PE3C0757](#)



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Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	FEP
Number of Shields	2
Shield Layer 1	Silver Plated Copper Tape
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Blue
Jacket Diameter	0.056 in [1.42 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMP Female	SMP Female
Specification	DESC 94008	DESC 94008
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204	MIL-G-45204
Dielectric Type	PTFE	PTFE
Body Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204	MIL-G-45204

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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RF Cable Assemblies Technical Data Sheet

PE3C0757

How to Order

Part Number Configuration:

PE3C0757

- **xx**

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Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

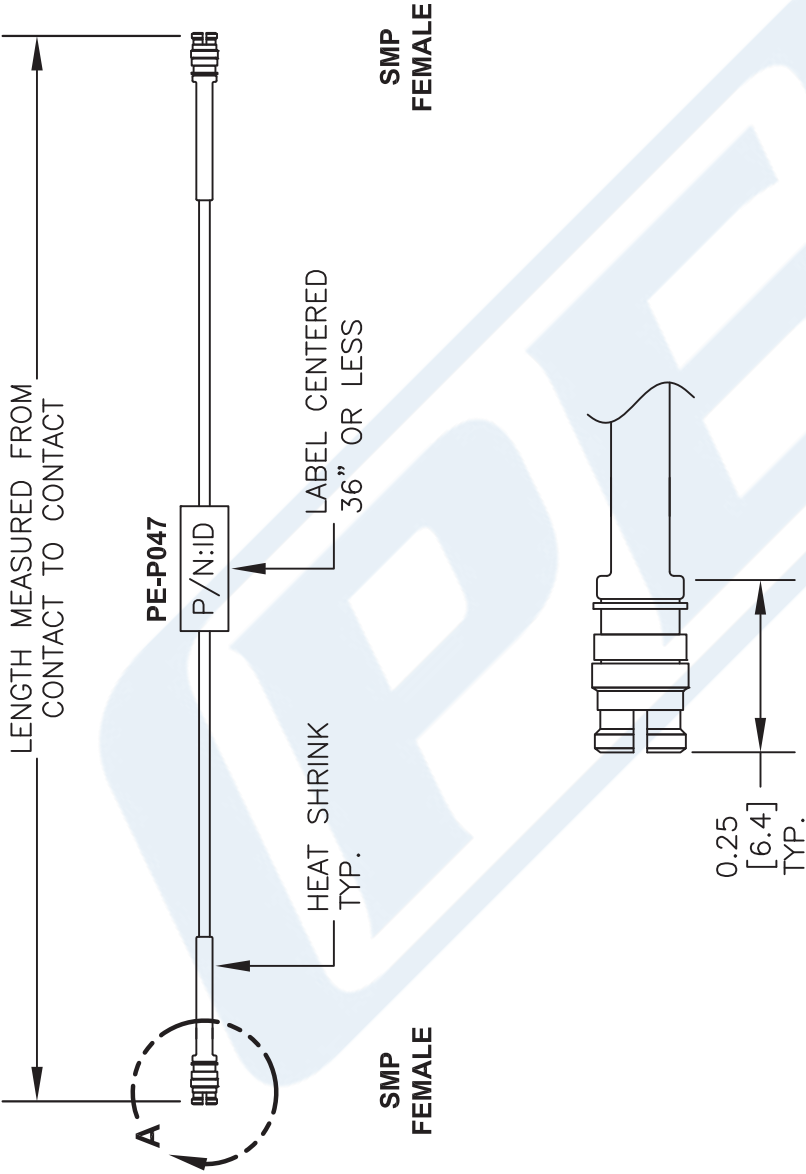
Example: PE3C0757-12 = 12 inches long cable
PE3C0757-100cm = 100 cm long cable

SMP Female to SMP Female Cable Using PE-P047 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: [SMP Female to SMP Female Cable Using PE-P047 Coax, RoHS PE3C0757](#)

URL: <http://www.pasternack.com/smp-female-smp-female-pe-p047-cable-assembly-pe3c0757-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.



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
<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 - 999999</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
Length		-60	60"	-125CM	125Cm
		-xx	Custom Length	-xxCM	Custom Length

PE3 PASTERNAK®

THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.

P.O. Box 16759 | Irvine | CA | 92623

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Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE

PE3C0757

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.

FSCM NO. 53919

CAD FILE 030614

SCALE N/A

SIZE A

2233