



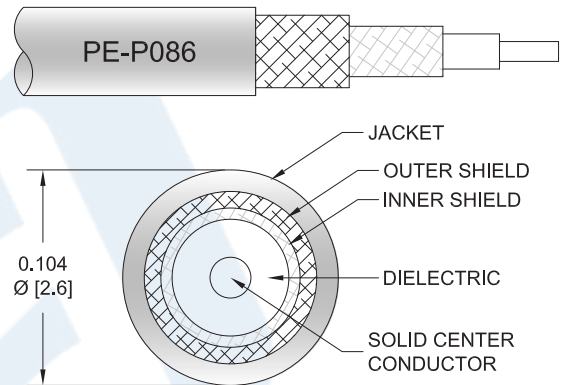
2.92mm Male to 2.92mm Male Cable 200 cm Length Using PE-P086 Coax, RoHS

RF Cable Assemblies Technical Data Sheet

PE3C0666-200CM

**Configuration**

- Connector 1: 2.92mm Male
- Connector 2: 2.92mm Male
- Cable Type: PE-P086



**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.4:1	
Velocity of Propagation		70		%
RF Shielding	110			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency	2.5	5	10	20	40	GHz
Insertion Loss (Max.)	2.47	3.58	5.4	8	11.9	dB

**Mechanical Specifications**

**Cable Assembly**

Length 78.74 in [200 cm]  
Diameter 0.312 in [7.92 mm]

**Cable**

Cable Type PE-P086  
Impedance 50 Ohms  
Inner Conductor Type Solid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 2.92mm Male Cable 200 cm Length Using PE-P086 Coax, RoHS PE3C0666-200CM](#)





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Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Tape
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Blue
Jacket Diameter	0.104 in [2.64 mm]
One Time Minimum Bend Radius	0.4 in [10.16 mm]
Repeated Minimum Bend Radius	1.57 in [39.88 mm]

### Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	2.92mm Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	Noryl	Noryl
Coupling Nut Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 Inch	5/16 Inch
Torque	8 in-lbs [0.9 Nm]	8 in-lbs [0.9 Nm]
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel

### Environmental Specifications

#### Temperature

Operating Range -55 to +200 deg C

### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant Yes

### Plotted and Other Data

Notes:

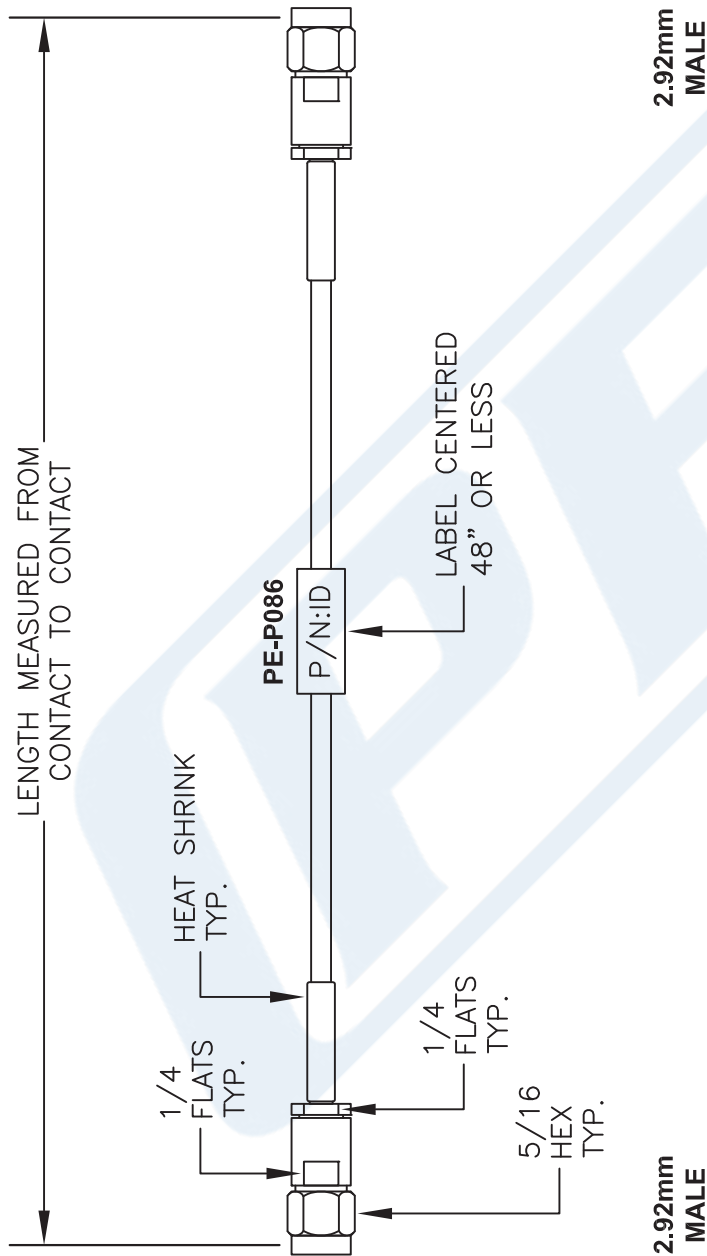
- Values at 25°C, sea level.

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# PE3C0666-200CM CAD Drawing

2.92mm Male to 2.92mm Male Cable 200 cm Length Using PE-P086 Coax, RoHS



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
<b>Part Number Configuration</b> PE3 [zzz] [yy] - [xx] [uu] 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
<b>Examples</b> PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM CM = Centimeters < Blank > = Inches _____ Length		-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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE  
**PE3C0666**

**PE PASTERNAK**  
 THE ENGINEER'S RF SOURCE  
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 Website: www.pasternack.com | E-Mail: sales@pasternack.com

CAD FILE	031214	SCALE	N/A	SIZE	A
FSCM NO.	53919				2233