



2.4mm Male to 1.85mm Male Precision Cable
48 Inch Length Using 095 Series Coax, RoHS

TECHNICAL DATA SHEET

PE36676-48

2.4mm Male to 1.85mm Male Precision Cable 48 Inch Length Using 095 Series Coax, RoHS

Configuration

Connector 1	2.4mm Male
Connector 2	1.85mm Male
Cable Type	095 Series

Electrical Specifications

Frequency Range, GHz	DC to 50
Impedance, Ohms	50
Maximum VSWR	1.4:1
Velocity of Propagation, %	69.5
RF Shielding, dB	90
Maximum Operating Voltage, Vrms	700

Electrical Specification Notes:

Short lengths up to 24" long may exhibit VSWR measurements up to 9% higher.

Mechanical Specifications

Cable Assembly

Cable Type	095 Series
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Temperature

Temperature Operating Range, deg C	-48 to +204
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Size

Length, in [cm]	48 [121.92]
One Time Minimum Bend Radius, in [mm]	0.5 [12.7]

Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	2
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.095 [2.41]

Connector 1

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

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 Precision Cable 48 Inch Length Using 095 Series Coax, RoHS PE36676-48](#)

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.



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Body Material and Plating
Dielectric Type

Passivated Stainless Steel
Noryl

Connector 2

Type
Configuration
Inner Conductor Material and Plating
Coupling Nut Material and Plating
Hex Size, in.
Torque, in-lbs [Nm]
Body Material and Plating
Dielectric Type

1.85mm Male
Straight
Copper Clad Steel, Silver
Passivated Stainless Steel
5/16
8 [0.9]
Passivated Stainless Steel
PTFE

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

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

2.4mm Male to 1.85mm Male Precision Cable 48 Inch Length Using 095 Series Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

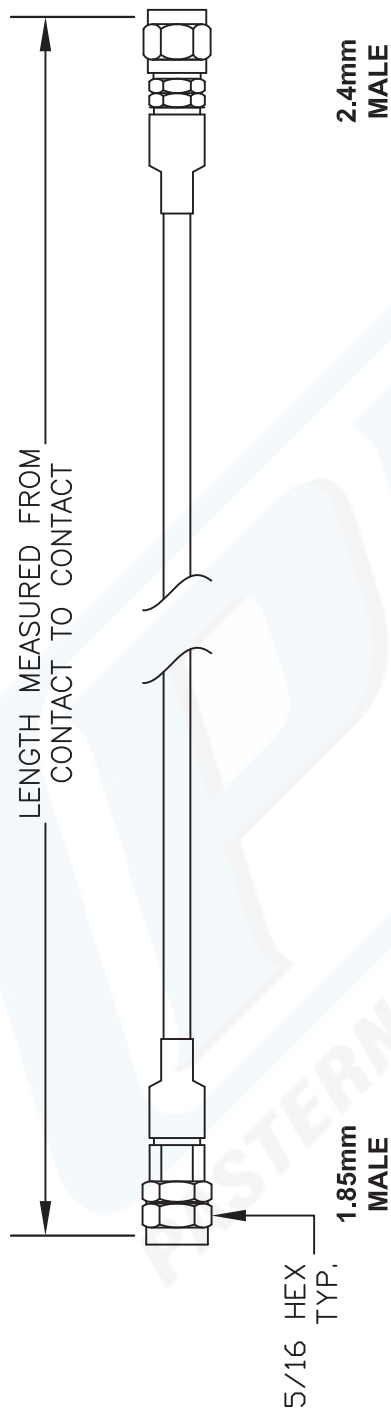
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PE36676-48 CAD Drawing

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How To Order							
Part Number Configuration				Examples			
PE3 <u>zzz</u> <u>yy</u> - <u>xx</u> <u>uu</u>				PE3000LF-100			
00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables				PE3000-100			
				PE3000LF-100CM			
				PE3000-100CM			
Part # Ext.				Length In Inches		Part # Ext.	
-12				12"		-25CM	
-24				24"		-50CM	
-36				36"		-75CM	
-48				48"		-100CM	
-60				60"		-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.

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DWG TITLE

PE36676

FSCM NO. 53919

CAD FILE 030308

SCALE N/A

SIZE A

2233