



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

TECHNICAL DATA SHEET

PE36676-18

**2.4mm Male to 1.85mm Male Precision Cable 18 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 [mm]	18 [457.2]
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 18 Inch Length Using 095 Series Coax, RoHS PE36676-18](#)

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](http://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 18 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.

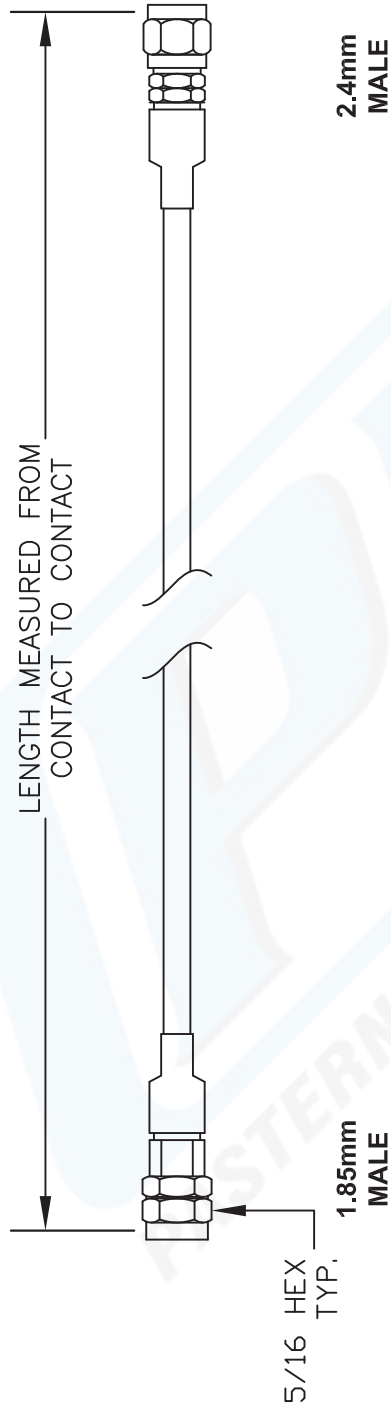
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# PE36676-18 CAD Drawing

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How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration	PE3 [zzz] [yy] - [xx] [uu]	-12	12"	-25CM	25Cm
	00 - 99999	-24	24"	-50CM	50Cm
LF = RoHS Compliant	< Blank > = Standard	-36	36"	-75CM	75Cm
Note: LF applies only to RF cables	Length	-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  
**PE36676**

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FSCM NO. 53919	CAD FILE 030308	SCALE N/A	SIZE A	2233
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