



2.92mm Male to 1.85mm Male Precision
Cable Using 095 Series Coax, RoHS

TECHNICAL DATA SHEET

PE36674

2.92mm Male to 1.85mm Male Precision Cable Using 095 Series Coax, RoHS

Configuration

Connector 1	2.92mm Male
Connector 2	1.85mm Male
Cable Type	095 Series

Electrical Specifications

Frequency Range, GHz	DC to 40
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
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	2.92mm 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]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	Noryl

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 1.85mm Male Precision Cable Using 095 Series Coax, RoHS PE36674](#)

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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Connector 2

Type	1.85mm Male
Configuration	Straight
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

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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2.92mm Male to 1.85mm Male Precision Cable 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.

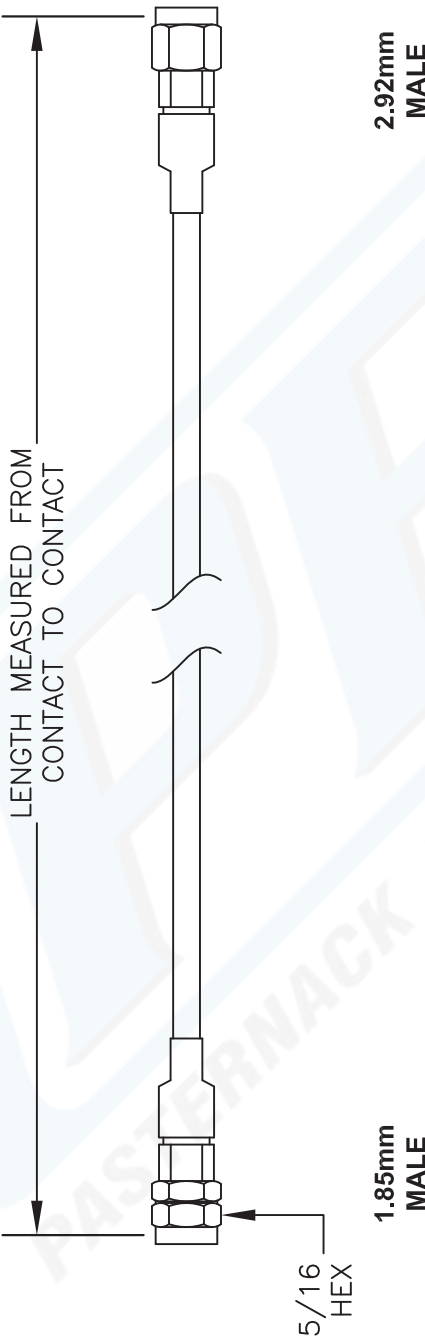
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 1.85mm Male Precision Cable Using 095 Series Coax, RoHS PE36674](http://www.pasternack.com/2.92mm-male-1.85mm-male-095-series-cable-assembly-pe36674-p.aspx)

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PE36674 CAD Drawing

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Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
-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
PE36674

FSCM NO. 53919

CAD FILE 030308

SCALE N/A

SIZE A

2233

How To Order

Part Number Configuration

PE3 [zzz] [yy] - [xx] [uu]
 00 - 99999
 LF = RoHS Compliant
 < Blank > = Standard
 Note: LF applies only to RF cables
 CM = Centimeters
 < Blank > = Inches
 Length

Examples

PE3000LF-100
 PE3000-100
 PE3000LF-100CM
 PE3000-100CM



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