



2.4mm Male to 1.85mm Male Precision Cable 72 Inch Length Using 095 Series Coax, RoHS

TECHNICAL DATA SHEET

PE36676-72

2.4mm Male to 1.85mm Male Precision Cable 72 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
------------	------------

Temperature

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

Size

Length, in [cm]	72 [182.88]
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 72 Inch Length Using 095 Series Coax, RoHS PE36676-72](#)

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.



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

TECHNICAL DATA SHEET PE36676-72

Body Material and Plating	Passivated Stainless Steel
Dielectric Type	Noryl
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

Plotted and Other Data
 Notes: Values at 25 °C, sea level

2.4mm Male to 1.85mm Male Precision Cable 72 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.

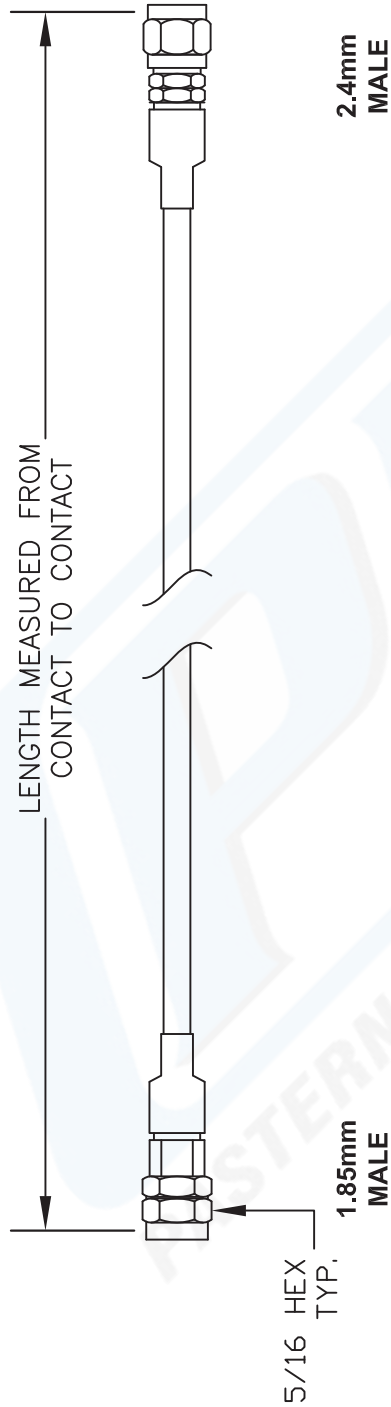
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Male to 1.85mm Male Precision Cable 72 Inch Length Using 095 Series Coax, RoHS PE36676-72](http://www.pasternack.com/2.4mm-male-1.85mm-male-095-series-cable-assembly-pe36676-72-p.aspx)

URL: <http://www.pasternack.com/2.4mm-male-1.85mm-male-095-series-cable-assembly-pe36676-72-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.

PE36676-72 CAD Drawing

2.4mm Male to 1.85mm Male Precision Cable 72 Inch Length Using 095 Series Coax, RoHS



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration	Examples	-12	12"	-25CM	25Cm
PE3 [zzz] [yy] - [xx] [uu]	PE3000LF-100	-24	24"	-50CM	50Cm
00 - 99999	PE3000-100	-36	36"	-75CM	75Cm
LF = RoHS Compliant	PE3000LF-100CM	-48	48"	-100CM	100Cm
< Blank > = Standard	PE3000-100CM	-60	60"	-125CM	125Cm
Note: LF applies only to RF cables		-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

PE PASTERNAK®
 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

FSCM NO. 53919

CAD FILE 030308

SCALE N/A

SIZE A

2233