



2.4mm Male to 1.85mm Male Precision Cable 60 Inch Length Using 095 Series Coax, RoHS

TECHNICAL DATA SHEET

PE36676-60

2.4mm Male to 1.85mm Male Precision Cable 60 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] | 60 [152.4] |
| 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 60 Inch Length Using 095 Series Coax, RoHS PE36676-60](#)

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 60 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 60 Inch Length Using 095 Series Coax, RoHS PE36676-60](http://www.pasternack.com/2.4mm-male-1.85mm-male-095-series-cable-assembly-pe36676-60-p.aspx)

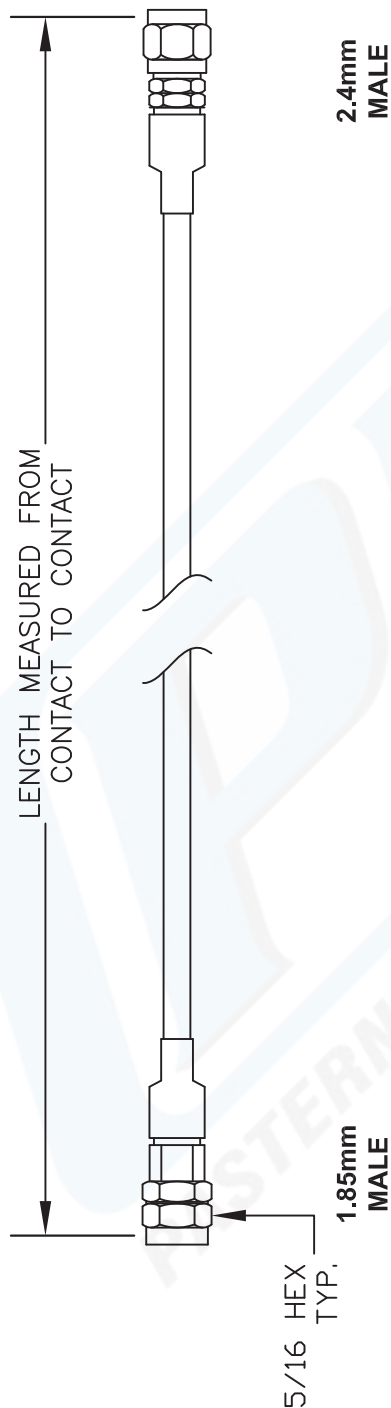
URL: <http://www.pasternack.com/2.4mm-male-1.85mm-male-095-series-cable-assembly-pe36676-60-p.aspx>

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PE36676-60 CAD Drawing

2.4mm Male to 1.85mm Male Precision Cable 60 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

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FSCM NO. 53919

CAD FILE 030308

SCALE N/A

SIZE A

2233