



## UMCX Plug to UMCX Plug Cable Using 1.13mm Coax

### TECHNICAL DATA SHEET

**PE38295**

#### UMCX Plug to UMCX Plug Cable Using 1.13mm Coax

##### Configuration

|             |                       |
|-------------|-----------------------|
| Connector 1 | UMCX Plug Right Angle |
| Connector 2 | UMCX Plug Right Angle |
| Cable Type  | 1.13mm                |

##### Electrical Specifications

|                                            |         |
|--------------------------------------------|---------|
| Frequency Range, GHz                       | DC to 6 |
| Impedance, Ohms                            | 50      |
| Maximum VSWR                               | 1.5:1   |
| Dielectric Withstanding Voltage (AC), Vrms | 200     |

##### Typical Performance by Frequency

###### Frequency 1

|                |       |
|----------------|-------|
| Frequency, GHz | 3     |
| VSWR           | 1.3:1 |

###### Frequency 2

|                |       |
|----------------|-------|
| Frequency, GHz | 6     |
| VSWR           | 1.5:1 |

##### Mechanical Specifications

###### Cable Assembly

|            |        |
|------------|--------|
| Cable Type | 1.13mm |
|------------|--------|

###### Temperature

|                                    |              |
|------------------------------------|--------------|
| Temperature Operating Range, deg C | -40 to +90   |
| Diameter, in [mm]                  | 0.044 [1.12] |
| Weight, lbs [g]                    | 0.1 [45.36]  |

###### Cable

|                          |              |
|--------------------------|--------------|
| No of Shields            | 1            |
| Jacket Material          | FEP          |
| Jacket Diameter, in [mm] | 0.044 [1.12] |

###### Connector 1

|                                      |                       |
|--------------------------------------|-----------------------|
| Type                                 | UMCX Plug Right Angle |
| Configuration                        | Right Angle           |
| Inner Conductor Material and Plating | Phosphor Bronze, Gold |
| Body Material and Plating            | Phosphor Bronze, Gold |
| Dielectric Type                      | PBT                   |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UMCX Plug to UMCX Plug Cable Using 1.13mm Coax PE38295](#)

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.



## UMCX Plug to UMCX Plug Cable Using 1.13mm Coax

### TECHNICAL DATA SHEET

**PE38295**

#### Connector 2

|                                      |                       |
|--------------------------------------|-----------------------|
| Type                                 | UMCX Plug Right Angle |
| Configuration                        | Right Angle           |
| Inner Conductor Material and Plating | Phosphor Bronze, Gold |
| Body Material and Plating            | Phosphor Bronze, Gold |
| Dielectric Type                      | PBT                   |

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

#### Plotted and Other Data

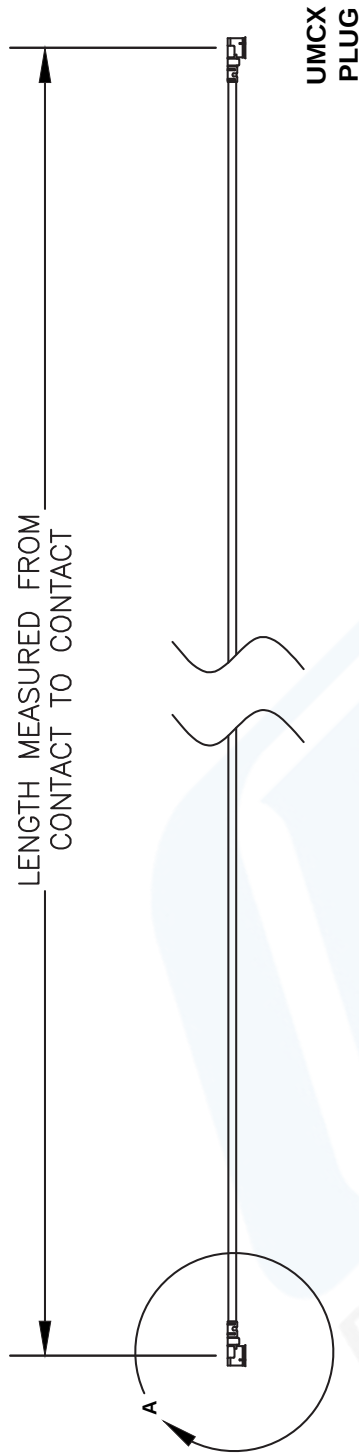
|        |                            |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

UMCX Plug to UMCX Plug Cable Using 1.13mm Coax 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.

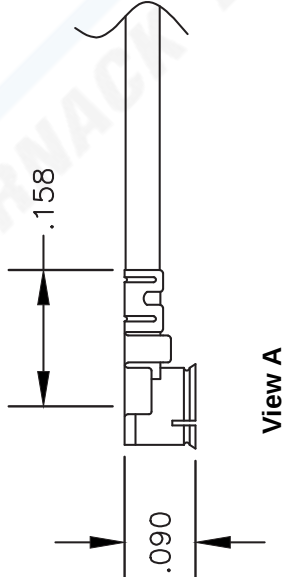
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UMCX Plug to UMCX Plug Cable Using 1.13mm Coax PE38295](#)

URL: <http://www.pasternack.com/umcx-plug-umcx-plug-1.13mm-cable-assembly-pe38295-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.



View A



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



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

DWG TITLE

**PE38295**

FSCM NO. 53919

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.

CAD FILE041508SCALE N/A

SIZE A2233