



UMCX Plug to Unterminated Lead Cable Using RG178 Coax

TECHNICAL DATA SHEET

PE38296

UMCX Plug to Unterminated Lead Cable Using RG178 Coax

Configuration

Connector 1	UMCX Plug Right Angle
Connector 2	Unterminated Lead
Cable Type	RG178

Electrical Specifications

Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Maximum VSWR	1.5:1
Maximum Operating Voltage, Vrms	100
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	RG178
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Temperature

Temperature Operating Range, deg C	-40 to +90
Diameter, in [mm]	0.072 [1.83]
Weight, lbs [g]	0.005 [2.27]
Cable Color	Tan

Cable

No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.072 [1.83]

Connector 1

Type	UMCX Plug Right Angle
Configuration	Right Angle
Inner Conductor Material and Plating	Phosphor Bronze, Gold

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 Unterminated Lead Cable Using RG178 Coax PE38296](#)

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

Phosphor Bronze, Gold
PBT

Connector 2

Type
Configuration

Unterminated Lead
Straight

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Yes

Plotted and Other Data

Notes:

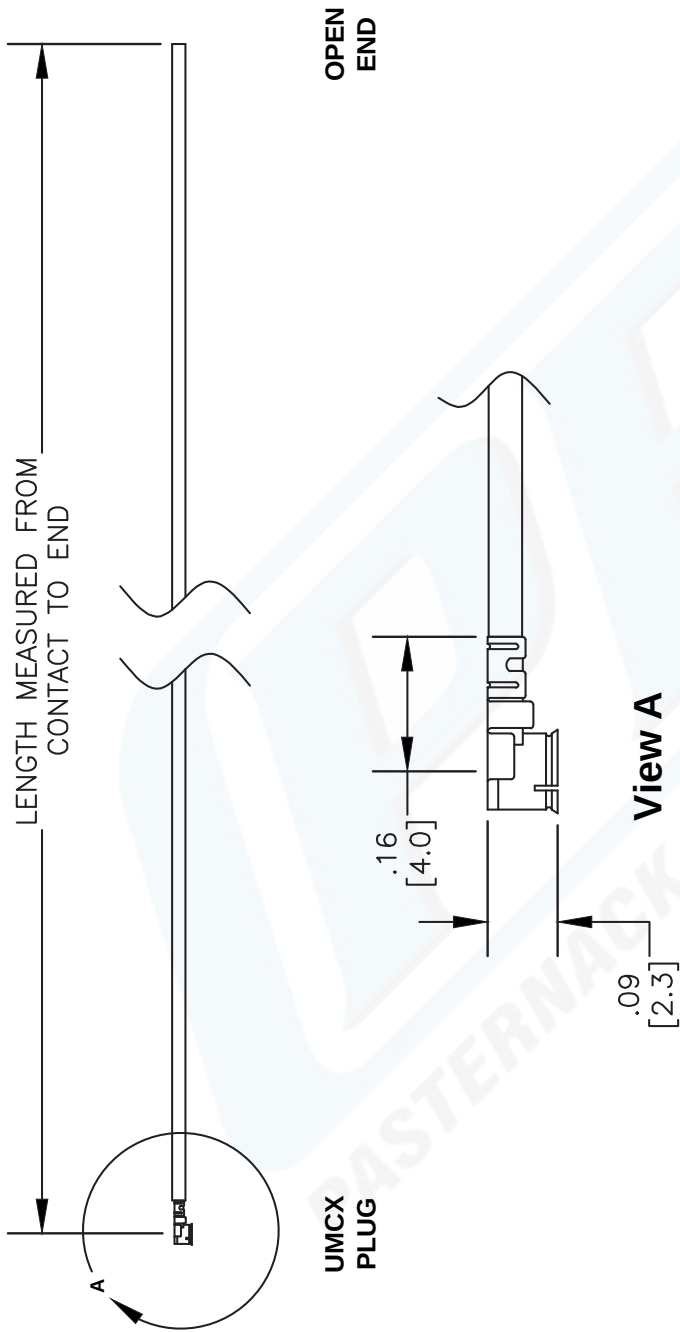
Values at 25 °C, sea level

UMCX Plug to Unterminated Lead Cable Using RG178 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 Unterminated Lead Cable Using RG178 Coax PE38296](http://www.pasternack.com/umcx-plug-open-sexless-rg178bu-cable-assembly-pe38296-p.aspx)

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

**PASTERNAK®**
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DWG TITLE
PE38296

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.

FSCM NO. 53919	CAD FILE 012413-B	SCALE N/A	SIZE A	2233
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