MMCX Plug Connector Crimp/Solder Attachment
For RG178, RG196, Easy Grip

TECHNICAL DATA SHEET	PE44645

MMCX Plug Connector Crimp/Solder Attachment For RG178, RG196, Easy Grip

Configuration

Connector	MMCX Plug
Connector Interface Type	RG178,RG196
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	0.554 [14.07]
Width/Dia., in [mm]	0.18 [4.57]
Weight, lbs [g]	0.03 [13.61]

Connector

Type	MMCX Plug
Contact Material and Plating	Gold
Body Material and Plating	Brass, Gold
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

MMCX Plug Connector Crimp/Solder Attachment For RG178, RG196, Easy Grip 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.
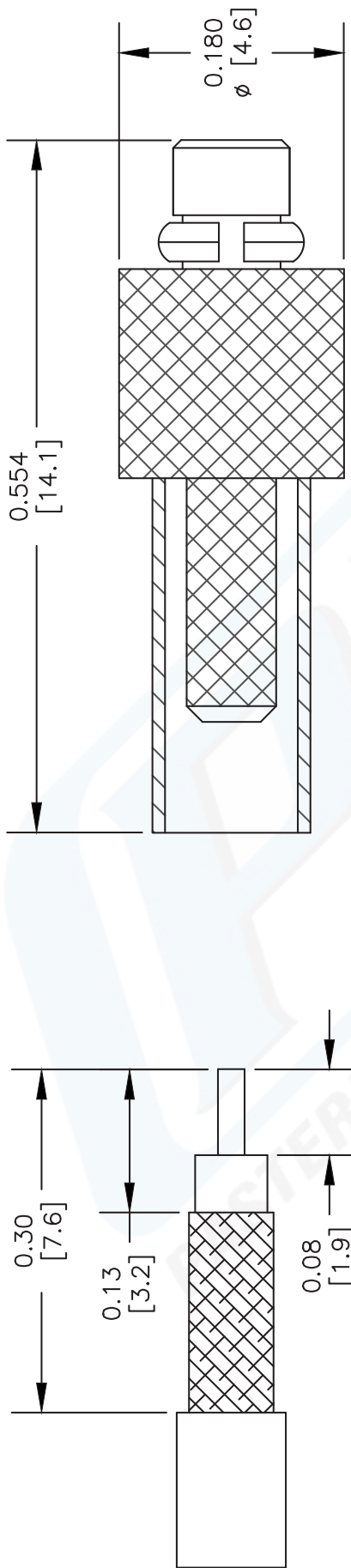
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MMCX Plug Connector Crimp/Solder Attachment For RG178, RG196, Easy Grip PE44645

URL: http://www.pasternack.com/mmcx-plug-standard-rg178-rg196-connector-pe44645-p.aspx

PE44645 CAD Drawing
MMCX Plug Connector Crimp/Solder Attachment For RG178, RG196, Easy Grip

0.180 ∅ [4.6]

0.554 [14.1]

STRIPPING DIMENSIONS

0.30 [7.6]

0.13 [3.2]

0.08 [1.9]

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .100" HEX CRIMP TOOL

DWG TITLE		
PE44645		
FSCM NO.	53919	

SIZE A

SCALE N/A

CAD FILE 011109

XXXX

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PE44645 REV 01

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MMCX Plug Connector Crimp/Solder Attachment
For RG178, RG196, Easy Grip

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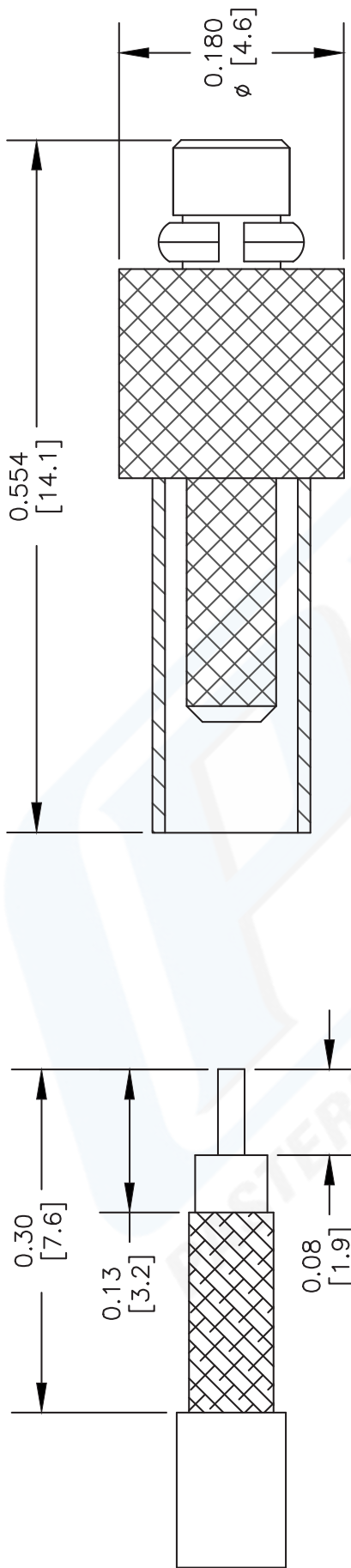
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URL: http://www.pasternack.com/mmcx-plug-standard-rg178-rg196-connector-pe44645-p.aspx

PE44645 CAD Drawing
MMCX Plug Connector Crimp/Solder Attachment For RG178, RG196, Easy Grip

0.180
⌀ [4.6]

0.554
[14.1]

0.30
[7.6]

0.13
[3.2]

0.08
[1.9]

STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .100" HEX CRIMP TOOL

XXXX

SIZE   A

SCALE   N/A

CAD FILE   011109

DWG TITLE
PE44645

FSCM NO.   53919

TECHNICAL DATA SHEET   RG178B/U

Flexible RG178 Coax Cable Single Shielded with Tan FEP Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid
Jacket Material and Color	FEP, Tan

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69.5
Maximum Operating Frequency, GHz	3
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	1,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	13.8 [45.28]

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	27.8 [91.21]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	44.4 [145.67]

Frequency 4

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	78.4 [257.22]

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +200

Inner Conductor

Number of Strands	7
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.012 [0.3]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG178 Coax Cable Single Shielded with Tan FEP Jacket RG178B/U

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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TECHNICAL DATA SHEET   RG178B/U

Dielectric:
Type   PTFE
Diameter, in [mm]   0.034 [0.86]

Shield:
Number of   1
Material 1   Silver Plated Copper Braid
Diameter, in [mm]   0.051 [1.3]

Jacket:
Material   FEP
Diameter, in [mm]   0.072 [1.83]
Color   Tan
Repeated Minimum Bend Radius, in [mm]   0.393 [9.98]
Weight, lbs/ft [Kg/m]   0.005 [0.01]

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

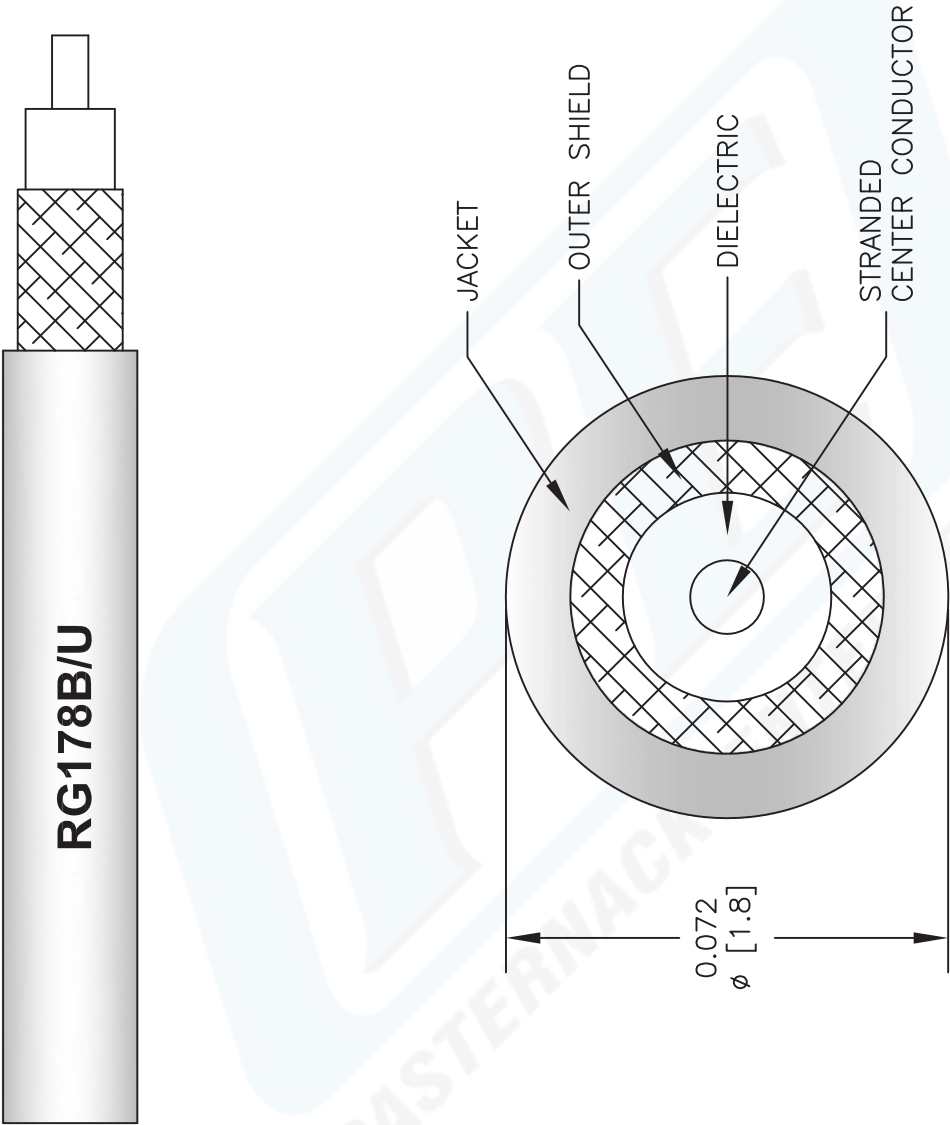**Plotted and Other Data**
Notes: Values at 25 °C, sea level

URL: http://www.pasternack.com/flexible-0.075-rg178-50-ohm-coax-cable-fep-jacket-rg178b-u-p.aspx

Flexible RG178 Coax Cable Single Shielded with Tan FEP Jacket 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.

RG178B/U CAD Drawing
Flexible RG178 Coax Cable Single Shielded with Tan FEP Jacket

RG178B/U

JACKET

OUTER SHIELD

DIELECTRIC

STRANDED
CENTER CONDUCTOR

Ø 0.072 [1.8]

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RG178B/U REV

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