



## UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-600, LMR-600-DB, PE-C600

### RF Connectors Technical Data Sheet

**EZ-600-UM-X**

#### Times Microwave Systems Connector Specification

##### Configuration

- UHF Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-600, LMR-600-DB, PE-C600

##### Features

- Max. Operating Frequency 3 GHz
- Silver Plated Phosphor Bronze Contact
- 200µin contact plating

##### Applications

- General Purpose Test
- Custom Cable Assemblies

##### Description

Times Microwave's EZ-600-UM-X UHF male connector with crimp/non-solder contact attachment for LMR-600 is part of our full line of RF components available for same-day shipping. Times Microwave's UHF male connector operates up to a maximum frequency of 3 GHz.

Times Microwave's UHF male connector EZ-600-UM-X datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

##### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Insertion Loss			0.17	dB
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Insulation Resistance	10,000			MOhms

##### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 2.45					GHz
VSWR, Max	1.3:1					

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-600, LMR-600-DB, PE-C600 EZ-600-UM-X](#)



UHF Male Connector Crimp/Non-Solder Contact  
Attachment for LMR-600, LMR-600-DB, PE-C600

**RF Connectors**  
**Technical Data Sheet**

**Mechanical Specifications**

**Size**

Length	2.54 in [64.52 mm]
Width	0.69 in [17.50 mm]
Height	0.69 in [17.50 mm]
Weight	0.01 lbs [5.39 g]

**Material Specifications**

Description	Material	Plating
Contact	Phosphor Bronze	Silver 200µin
Insulation	PTFE	
Body	Brass	Tin/Nickel 100µin
Coupling Nut	Brass	Tin/Nickel 100µin
Crimp Sleeve	Copper	Tin/Nickel 100µin

**Environmental Specifications**

**Temperature**

Operating Range	-40 to 125 deg C
Shock	MIL-STD-202, Meth. 213, Cond. G
Vibration	MIL-STD-202, Meth. 204, Cond. B
Thermal Shock	MIL-STD-202, Meth. 107, Cond. B

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

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### RF Connectors Technical Data Sheet



**EZ-600-UM-X**

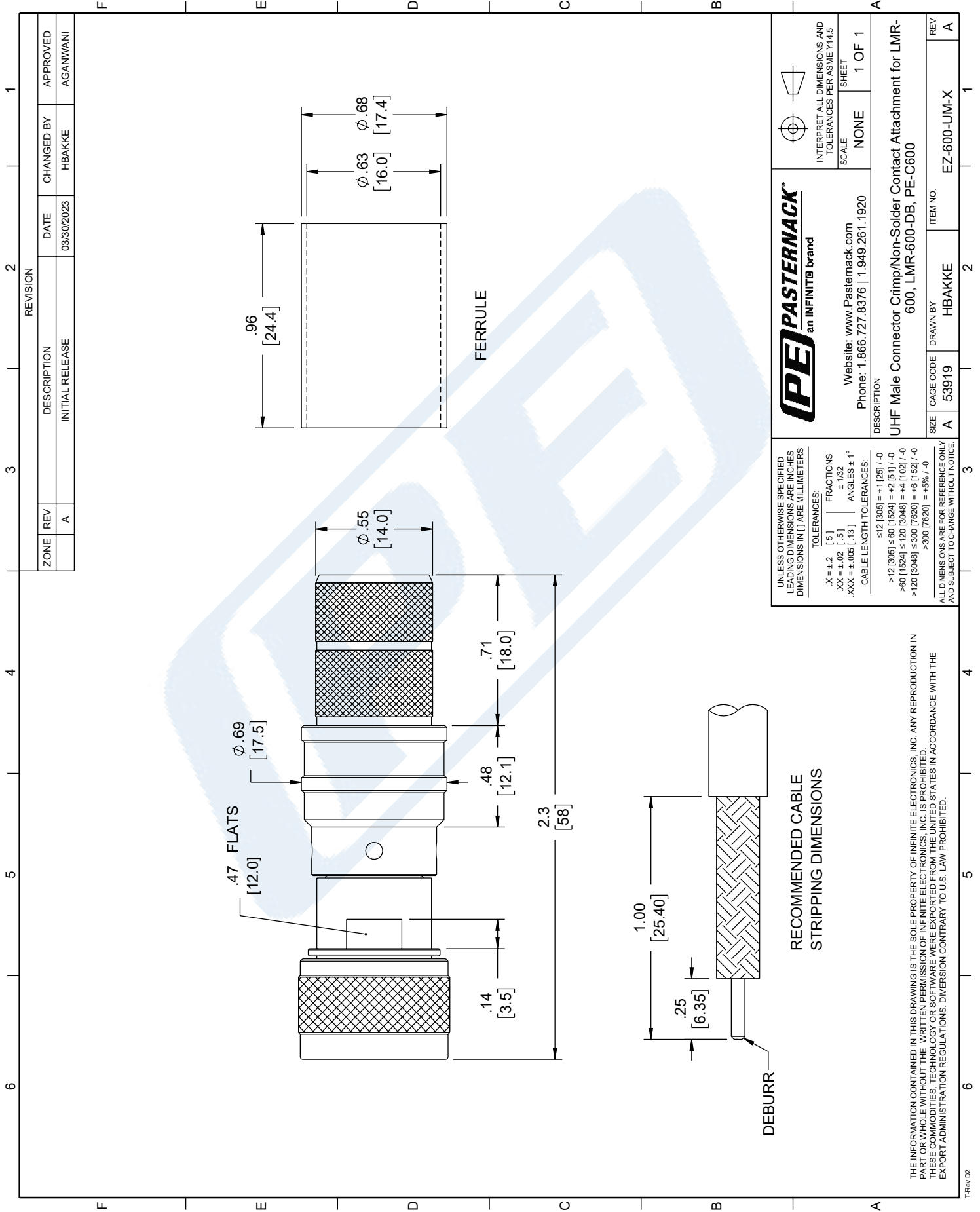
UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-600, LMR-600-DB, PE-C600 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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**TIMES** MICROWAVE SYSTEMS **EZ-600-UM-X CAD Drawing**  
 UHF Male Connector Crimp/Non-Solder Contact Attachment  
 for LMR-600, LMR-600-DB, PE-C600





UHF Male Connector Crimp/Non-Solder Contact  
Attachment for LMR-600, LMR-600-DB, PE-C600

**RF Connectors**  
**Technical Data Sheet**



**EZ-600-UM-X**

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**Plotted and Other Data**

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## UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-600, LMR-600-DB, PE-C600

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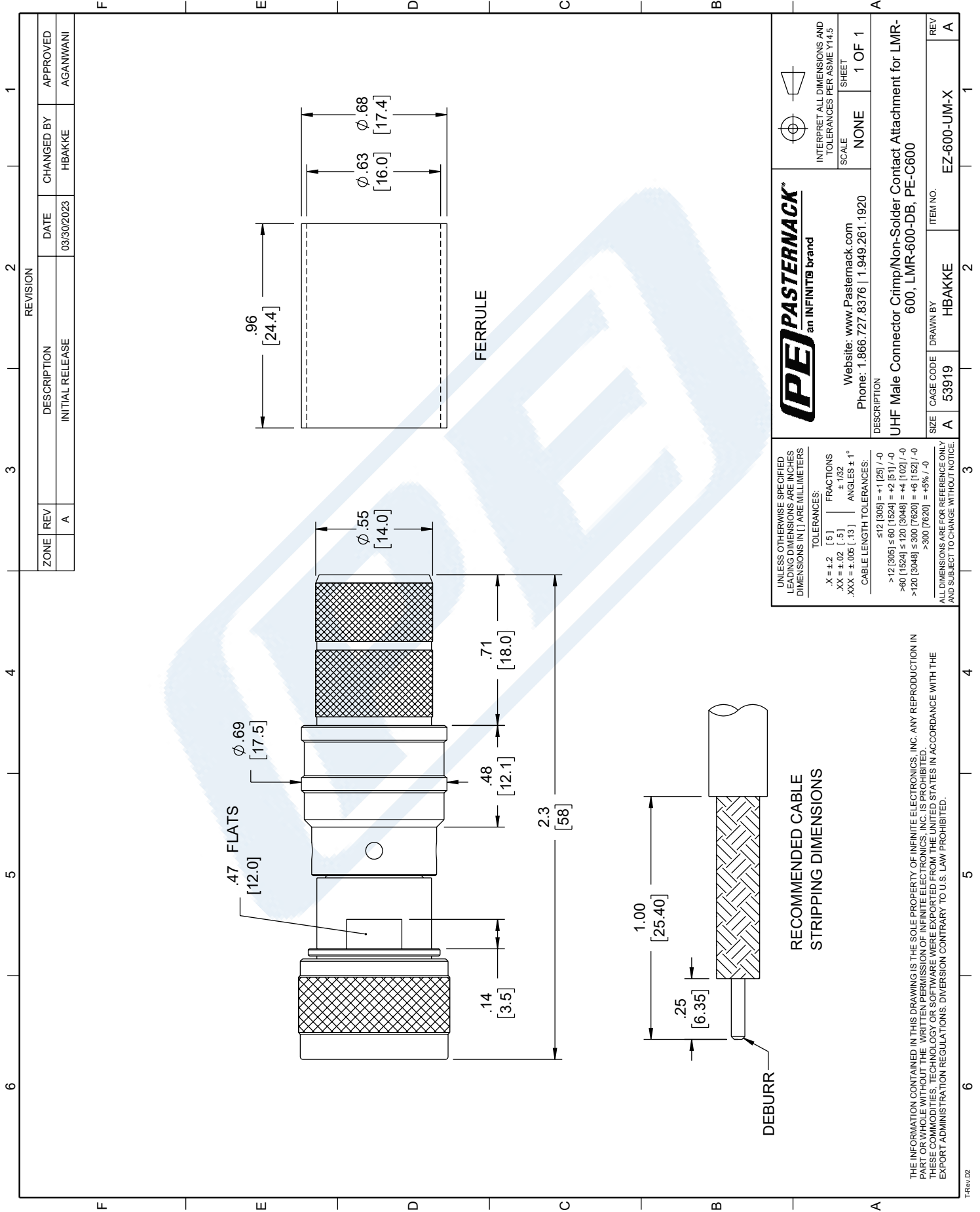
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**TIMES** MICROWAVE SYSTEMS **EZ-600-UM-X CAD Drawing**  
 UHF Male Connector Crimp/Non-Solder Contact Attachment  
 for LMR-600, LMR-600-DB, PE-C600







## Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

### TECHNICAL DATA SHEET

**PE-C600**

Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

#### Configuration

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper Clad Aluminum
Dielectric Type	PE (F)
Shield Materials	Aluminum Tape, Tinned Copper Braid
Jacket Material and Color	PE, Black

#### Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	87
Maximum Operating Frequency, GHz	5.8
RF Shielding, dB	90
Capacitance, pF/ft [pF/m]	23.4 [76.77]
Jacket Spark, Vrms	5,000
Peak Power, KWatts	40

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	150
Attenuation, dB/100ft [dB/100m]	1 [3.28]
Power Handling, KWatts	2.16

##### Frequency 2

Frequency, MHz	450
Attenuation, dB/100ft [dB/100m]	1.7 [5.58]
Power Handling, KWatts	1.23

##### Frequency 3

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	2.5 [8.2]
Power Handling, Watts	840

##### Frequency 4

Frequency, GHz	1.5
Attenuation, dB/100ft [dB/100m]	3.3 [10.83]
Power Handling, Watts	630

##### Frequency 5

Frequency, GHz	1.8
Attenuation, dB/100ft [dB/100m]	3.7 [12.14]
Power Handling, Watts	570

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C600](#)

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## Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

### TECHNICAL DATA SHEET

**PE-C600**

#### Frequency 6

Frequency, GHz	2
Attenuation, dB/100ft [dB/100m]	3.9 [12.8]
Power Handling, Watts	540

#### Frequency 7

Frequency, GHz	2.5
Attenuation, dB/100ft [dB/100m]	4.4 [14.44]
Power Handling, Watts	480

#### Frequency 8

Frequency, GHz	5.8
Attenuation, dB/100ft [dB/100m]	7.3 [23.95]
Power Handling, Watts	290

### Mechanical Specifications

#### Temperature

Operating Range, deg C	-40 to +85
Storage Range, deg C	-40 to +85

#### Inner Conductor

Number of Strands	1
Material	Copper Clad Aluminum
Diameter, in [mm]	0.176 [4.47]

#### Dielectric:

Type	PE (F)
Diameter, in [mm]	0.455 [11.56]

#### Shield:

Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid
Diameter, in [mm]	0.49 [12.45]

#### Jacket:

Material	PE
Diameter, in [mm]	0.59 [14.99]
Color	Black
Repeated Minimum Bend Radius, in [mm]	6 [152.4]
Weight, lbs/ft [Kg/m]	0.131 [0.19]

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

RoHS Compliant	Yes
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Low Loss Flexible .600 inch Foam Dielectric Type Coax  
Cable Double Shielded with Black PE Jacket

**TECHNICAL DATA SHEET**

**PE-C600**

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

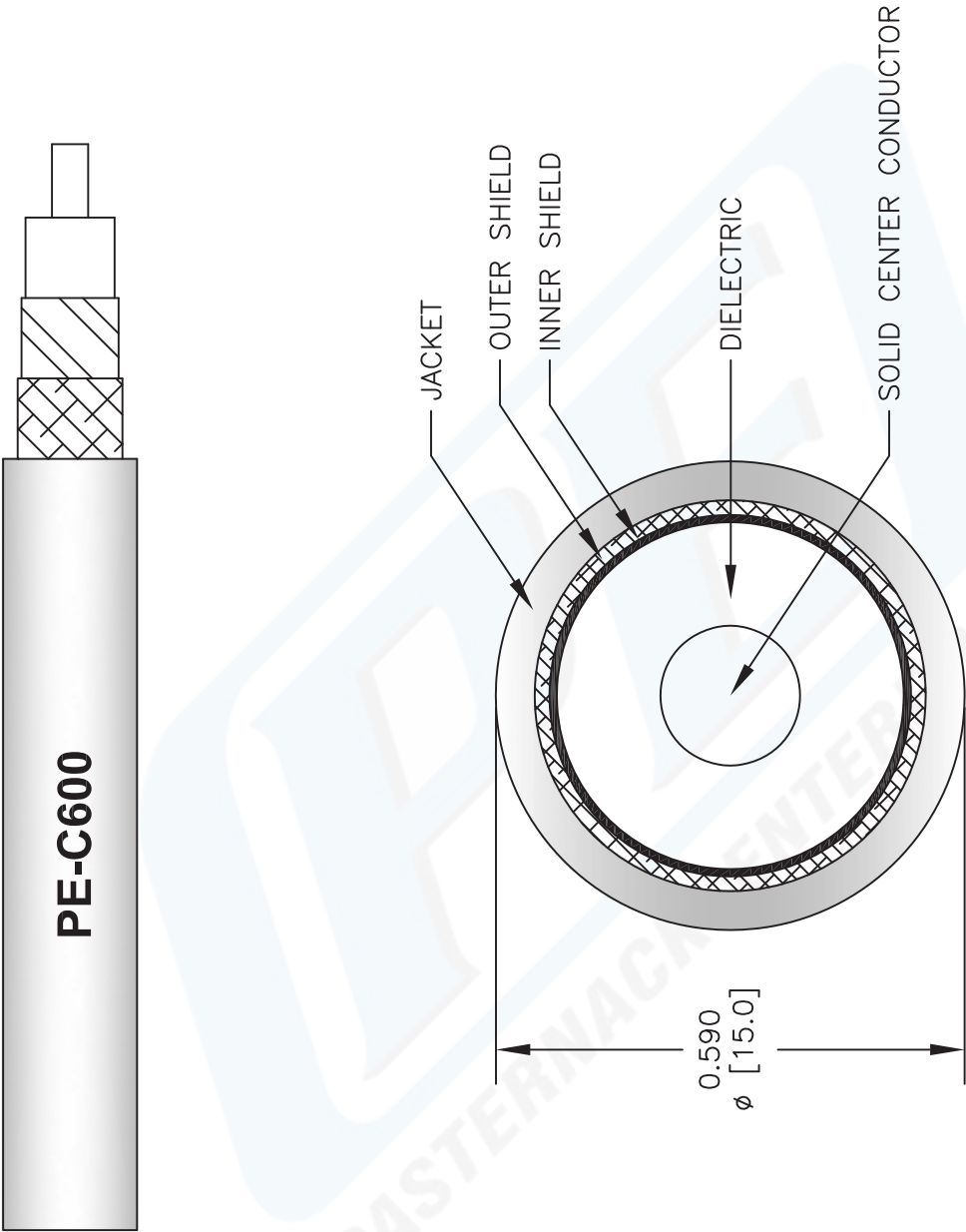
URL: <http://www.pasternack.com/flexible-0.590-50-ohm-coax-cable-pe-jacket-pe-c600-p.aspx>

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PE-C600 CAD Drawing

Low Loss Flexible .600 inch Foam Dielectric Type Coax  
Cable Double Shielded with Black PE Jacket



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].

DWG TITLE  
**PE-C600**

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 042809

**PE PASTERNAK®**  
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