



## UHF Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch

### RF Connectors Technical Data Sheet

PE44054

#### Configuration

- UHF Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch
- Interface Type
- Crimp/Solder Attachment

#### Features

- Gold Plated Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE44054 UHF male connector with crimp/solder attachment for PE-B400, PE-B405, PE-C400, LMR-400 and 0.400 inch is part of our full line of RF components available for same-day shipping.

Our UHF male connector PE44054 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.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.35 in [34.29 mm]

0.7 in [17.78 mm]

Weight

0.041 lbs [18.6 g]

#### Material Specifications

Description	Material	Plating
Contact		Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

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/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch PE44054](#)



## UHF Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch

### RF Connectors Technical Data Sheet

PE44054

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

#### Plotted and Other Data

Notes:

UHF Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

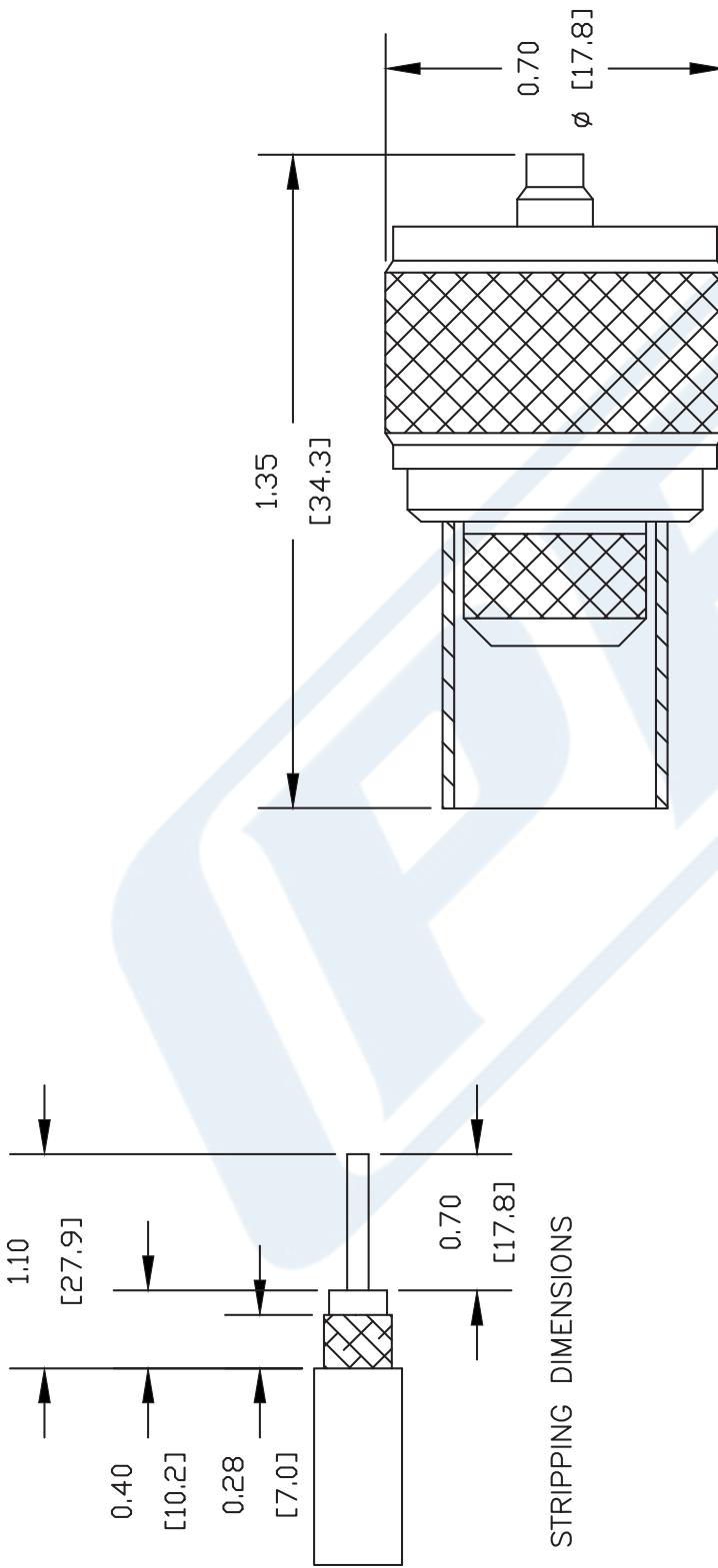
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch PE44054](#)

URL: <https://www.pasternack.com/uhf-male-pe-b400-pe-b405-lmr-400-uf-connector-pe44054-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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE44054 CAD Drawing

UHF Male Connector Crimp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, 0.400 inch



## CRIMP SIZE REQUIRED

CONTACT: SOLDER  
FERRULE: .429" HEX CRIMP TOOL

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. FITS MIL-C-17 AND EQUIVALENT CABLES.

**PE44054**

**PASTERNAK**  
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REV. A	FSCM NO.	53919	CAD FILE	050609	SCALE N/A	SIZE A	127
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## BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch

### RF Connectors Technical Data Sheet

**PE4386**

#### Configuration

- BNC Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-B400, PE-B405, PE-C400, LMR-400, .400 inch
- Interface Type
- Clamp/Solder Attachment

#### Features

- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4386 BNC male connector with clamp/solder attachment for PE-B400, PE-B405, PE-C400, LMR-400 and .400 inch is part of our full line of RF components available for same-day shipping.

Our BNC male connector PE4386 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.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.5 in [38.1 mm]

0.748 in [19.00 mm]

Weight

0.094 lbs [42.64 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch PE4386](#)



BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch

RF Connectors  
Technical Data Sheet

PE4386

**Environmental Specifications**

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

**Plotted and Other Data**

Notes:

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BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch

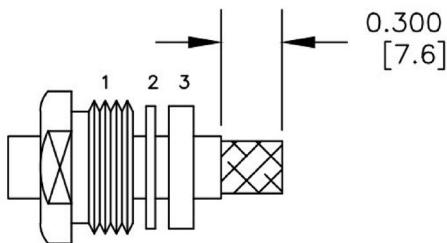
RF Connectors  
Technical Data Sheet

PE4386

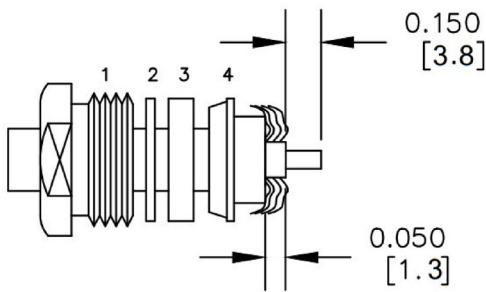
Assembly Instruction

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch PE4386](#)



## BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch

### RF Connectors Technical Data Sheet

PE4386

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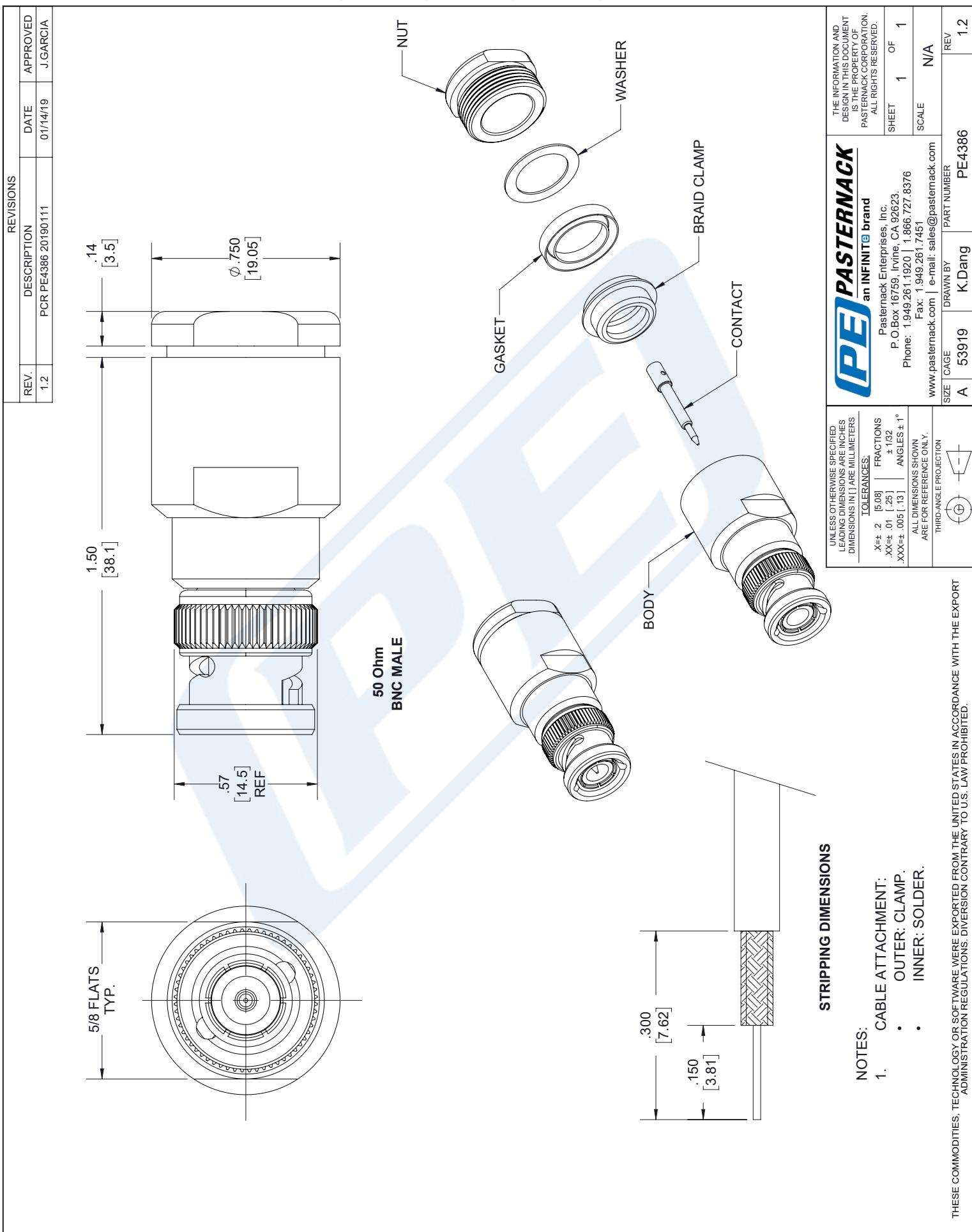
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URL: <https://www.pasternack.com/bnc-male-standard-pe-b400-pe-b405-pe-c400-connector-pe4386-p.aspx>

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# PE4386 CAD Drawing

BNC Male Connector Clamp/Solder Attachment for PE-B400, PE-B405, PE-C400, LMR-400, .400 inch





## Low Loss Flexible RG8 Type Coax Cable Double Shielded with Black PE Jacket

### RF Cables Technical Data Sheet

**PE-C400**

#### Configuration

- Low Loss Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
Velocity of Propagation		85		%
Shielding Effectiveness	90			dB
Inner Conductor DC Resistance			1.39	Ohms/1000ft
Outer Conductor DC Resistance			1.85	Ohms/1000ft
Nominal Capacitance		23.9 [78.41]		pF/ft [pF/m]
Nominal Inductance		0.059 [0.19]		uH/ft [uH/m]
Power@ 1GHz			480	Watts

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	150	220	450	750	900	MHz
Attenuation, Typ	1.5	1.9	2.7	3.55	3.9	dB/100ft
	4.92	6.23	8.86	11.65	12.8	dB/100m
Input Power (CW), Max	1,280	1,050	720	560	500	Watts

Description	F6	F7	F8	F9	F10	Units
Frequency	1.5	1.8	2	2.5	5.8	GHz
Attenuation, Typ	5.1	5.7	6	6.8	10.8	dB/100ft
	16.73	18.7	19.69	22.31	35.43	dB/100m
Input Power (CW), Max	380	340	330	290	180	Watts

#### Mechanical Specifications

Diameter	0.405 in [10.29 mm]
Weight	0.063 lbs/ft [0.09 kg/m]

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 RG8 Type Coax Cable Double Shielded with Black PE Jacket PE-C400](#)



## Low Loss Flexible RG8 Type Coax Cable Double Shielded with Black PE Jacket

### RF Cables Technical Data Sheet

**PE-C400**

Min. Bend Radius (Repeated) 4 in [101.6 mm]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Aluminum, 1 Strand	0.108 in [2.74 mm]
Conductor Type	Solid	
Dielectric	PE (F)	0.285 in [7.24 mm]
First Shield	Aluminum Tape	[ ]
Second Shield	Tinned Copper Braid	0.32 in [8.13 mm]
Jacket	PE, Black	0.405 in [10.29 mm]

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +85 deg C

Installation Range

-70 to +85 deg C

Storage Range

-40 to +85 deg C

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

#### Plotted and Other Data

Notes:

Low Loss Flexible RG8 Type Coax Cable Double Shielded with Black PE Jacket 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.

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 RG8 Type Coax Cable Double Shielded with Black PE Jacket PE-C400](#)

URL: <https://www.pasternack.com/flexible-0.405-50-ohm-coax-cable-pe-jacket-pe-c400-p.aspx>

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# PE-C400 CAD Drawing

Low Loss Flexible RG8 Type Coax Cable Double Shielded with Black PE Jacket

F

D

C

B

A

