



7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195

RF Connectors Technical Data Sheet

PE45046

Configuration

- 7/16 DIN Male Connector
- IEC 169-4
- 50 Ohms
- Right Angle Body Geometry
- LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 Interface Type
- Crimp/Solder Attachment
- 32 mm Hex

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.2:1
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45046 7/16 DIN male right angle connector with crimp/solder attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195 and PE-P195 is part of our full line of RF components available for same-day shipping. Our 7/16 DIN male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.2:1. Its right angle body geometry allows for easier connections in tight spaces.

Our 7/16 DIN male right angle connector PE45046 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
VSWR			1.2:1	

Mechanical Specifications

Size

Length	1.77 in [44.96 mm]
Width/Dia.	1.26 in [32.00 mm]
Height	1.55 in [39.37 mm]
Weight	0.11 lbs [49.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 PE45046](#)



7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195

RF Connectors Technical Data Sheet

PE45046

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

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

Plotted and Other Data

Notes:

7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 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.

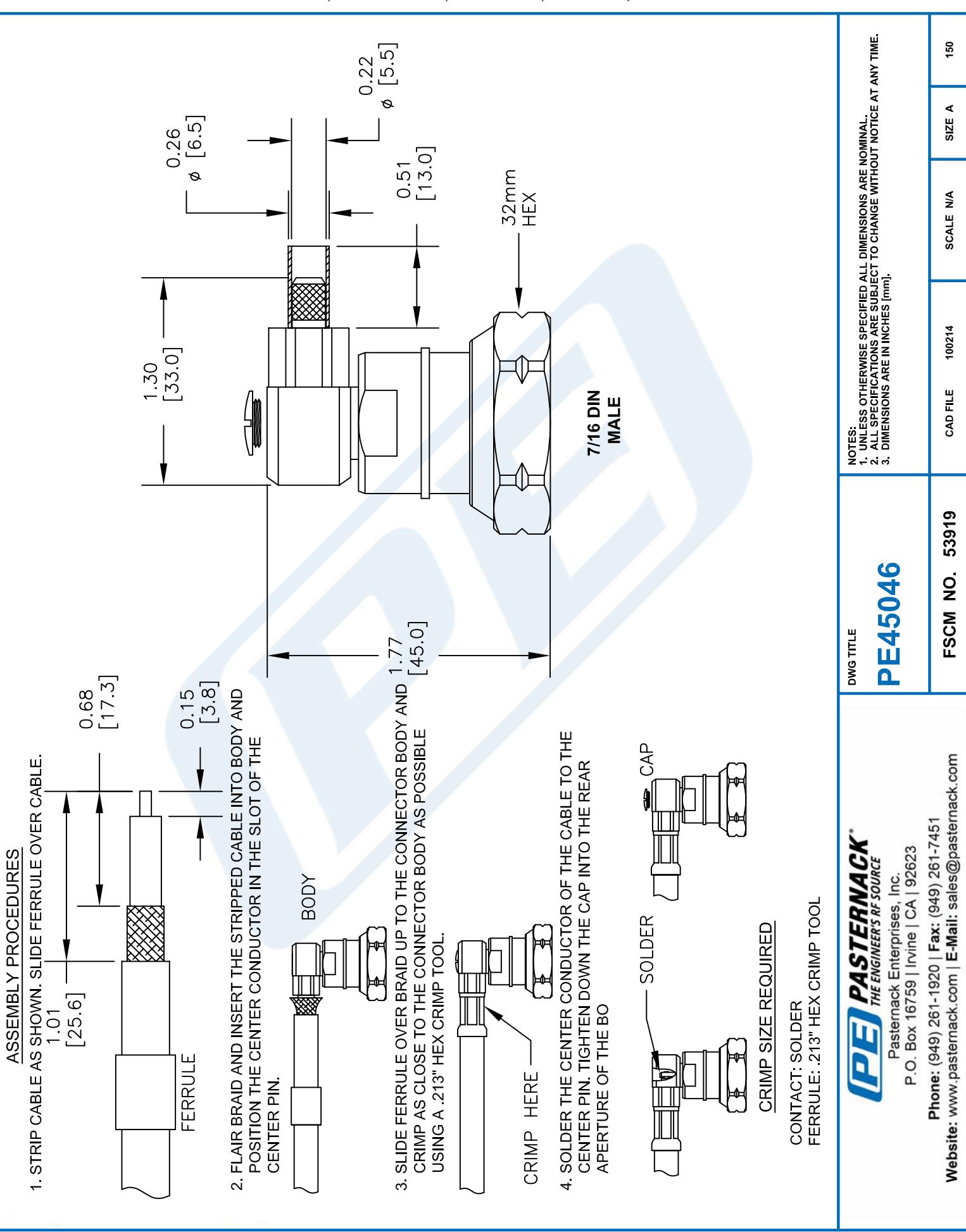
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 PE45046](#)

URL: <https://www.pasternack.com/7-16-male-lmr-195-pe-c195-pe-p195-connector-pe45046-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.

PE45046 CAD Drawing

7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for
LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195





7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195

RF Connectors Technical Data Sheet

PE45046

Configuration

- 7/16 DIN Male Connector
- IEC 169-4
- 50 Ohms
- Right Angle Body Geometry
- LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 Interface Type
- Crimp/Solder Attachment
- 32 mm Hex

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.2:1
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE45046 7/16 DIN male right angle connector with crimp/solder attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195 and PE-P195 is part of our full line of RF components available for same-day shipping. Our 7/16 DIN male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.2:1. Its right angle body geometry allows for easier connections in tight spaces.

Our 7/16 DIN male right angle connector PE45046 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
VSWR			1.2:1	

Mechanical Specifications

Size

Length	1.77 in [44.96 mm]
Width/Dia.	1.26 in [32.00 mm]
Height	1.55 in [39.37 mm]
Weight	0.11 lbs [49.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 PE45046](#)



7/16 DIN Male Right Angle Connector Crimp/Solder Attachment
 for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195

RF Connectors Technical Data Sheet

PE45046

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

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

Plotted and Other Data

Notes:

7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 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.

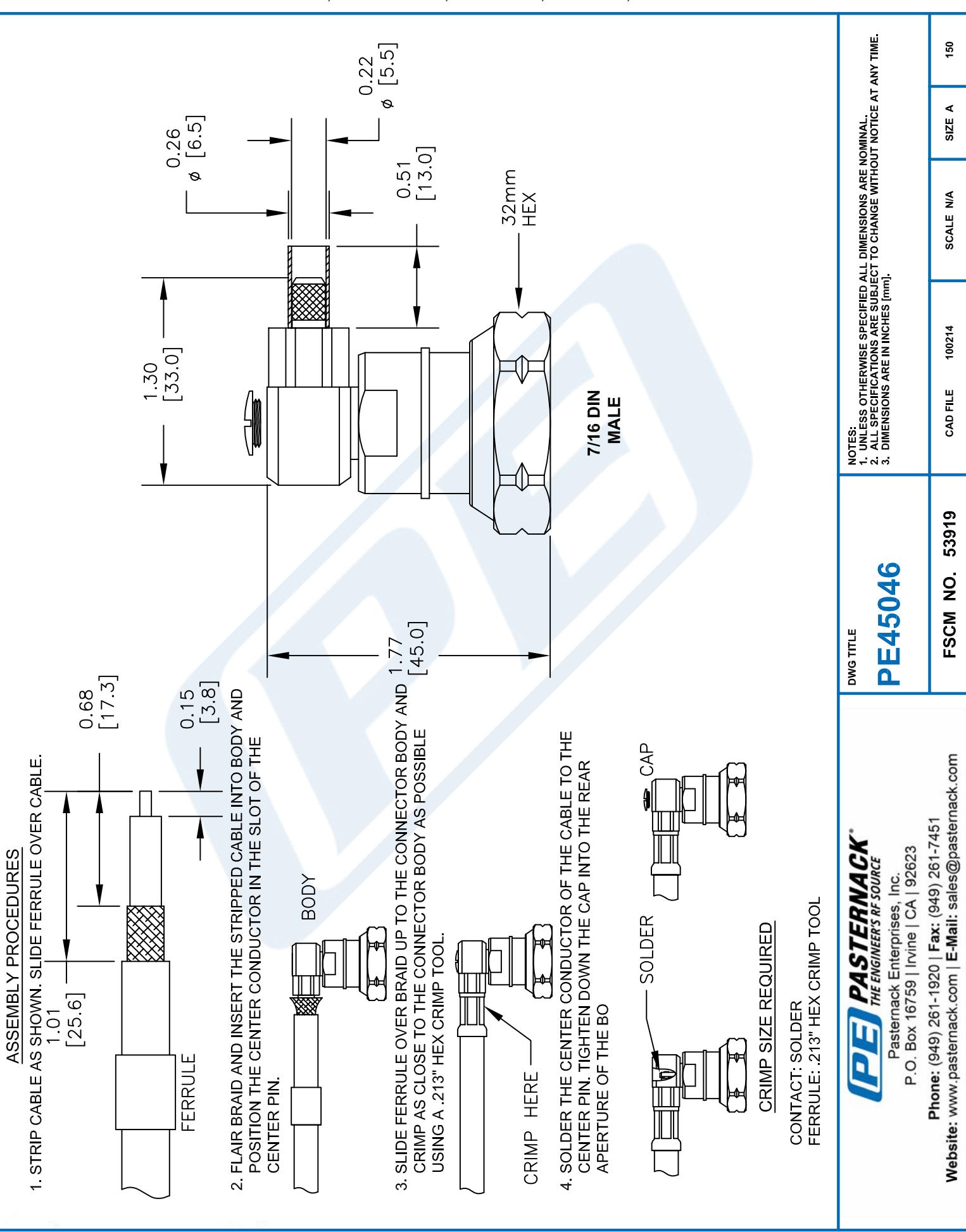
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195 PE45046](#)

URL: <https://www.pasternack.com/7-16-male-lmr-195-pe-c195-pe-p195-connector-pe45046-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.

PE45046 CAD Drawing

7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for
LMR-195, LMR-195-FR, 0.195 inch, PE-C195, PE-P195



Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket

RF Cables Technical Data Sheet

RG58C/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5	GHz
Impedance		50		Ohms
Velocity of Propagation		65.9		%
Operating Voltage (AC)			1,900	Vrms
Nominal Capacitance		30.8 [101.05]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5		GHz
Attenuation, Typ	1.4	4.9	20	60		dB/100ft
	4.59	16.08	65.62	196.85		dB/100m
Input Power (CW), Max			44			Watts

Mechanical Specifications

Diameter	0.195 in [4.95 mm]
Weight	0.025 lbs/ft [0.04 Kg/m]
Min. Bend Radius (Installation)	0.98 in [24.89 mm]
Min. Bend Radius (Repeated)	1.96 in [49.78 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 19 Strands	0.036 in [0.91 mm]
Conductor Type	Stranded	
Dielectric	PE	0.116 in [2.95 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG58 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG58C/U](#)

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket

RF Cables Technical Data Sheet

RG58C/U

First Shield	Tinned Copper Braid	0.138 in [3.51 mm]
Jacket	PVC (NC), Black	0.195 in [4.95 mm]

Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

Notes:

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) 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: [Flexible RG58 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG58C/U](#)

URL: <https://www.pasternack.com/flexible-0.195-rg58-50-ohm-coax-cable-pvc-jacket-rg58c-u-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.

RG58C/U CAD Drawing

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket



PASTERNACK
THE ENGINEER'S RESOURCE
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

PASTERNACK
THE ENGINEER'S RESOURCE
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

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	RG58C/U	SCALE N/A	SIZE A
CAGE CODE	53919	CAD FILE 091817	7361

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES