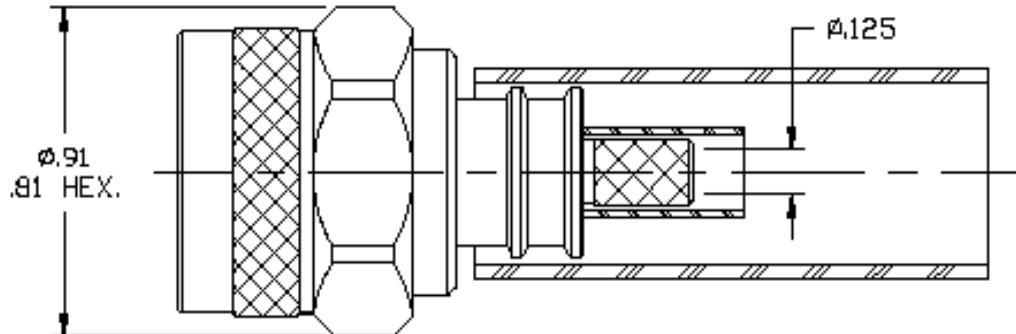


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SYM	REVISION DESCRIPTION	REF	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J.C.L.	6/6/06	J.C.L.	6/6/06
A	CHANGED PER CDC #29239	J.D.H.	11/10/08	J.D.B.	11/12/08



EZ-200-NMH-D

ok by tech Svcs

1.0 PERFORMANCE

- 1.1 FREQUENCY RANGE: DC-1BGHz
- 1.2 VOLTAGE RANGE: 500V RMS (sea level)
- 1.3 NOMINAL IMPEDANCE: 50 OHMS
- 1.4 DWV: 1500V RMS @ 60Hz (sea level)
- 1.5 TEMPERATURE RANGE: -65°C TO +165°C
- 2.0 MATERIALS
- 2.1 DIELECTRIC: PTFE
- 2.2 CENTER CONTACT: BERYLLIUM COPPER
- 2.3 CRIMP FERRULE: DHP SOFT COPPER

2.4 LOCKING RING: PHOSPHOR BRONZE

- 2.5 ALL OTHER METAL PARTS: BRASS
- 2.6 GASKET: SILICON RUBBER
- 2.7 SHRINK SLEEVE: THICK WALL POLYOLEFIN, MIL-I-23053/4, CLASS 3
- 3.0 FINISHES
- 3.1 CENTER CONTACT: GOLD
- 3.2 ALL OTHER METAL PARTS: ALBALDY
- 4.0 MECHANICAL
- 4.1 INTERFACE REFERENCE MIL-STD-348

NOT	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS, .005 MAX. BREAK MACHINE CORNERS, .005 MAX. FILLET R TOLERANCES ON DECIMALS .XX ± .03 .XXX ± .005 ANGLES ± 3° FRACTIONS ± N/A	REF	J. C. L.	TIME	MICROWAVE SYSTEMS
		DATE	6/6/06		
USED ON	E	CHKD	J. C. L.	REF	EZ-200-NMH-D 'N' MALE, EZ, CRIMP FOR LMR-200 CABLE
		DATE	6/6/06		
SCALE	N/A	DWG SIZE	A	IDENT	68999
DO NOT SCALE DRAWING	DATE	6/6/06	1 of 1	SD3190-1918	REV A



TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200

RF Connectors Technical Data Sheet

PE44846

Configuration

- TNC Male Connector
- 50 Ohms
- Right Angle Body Geometry
- PE-C200, LMR-200 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.35:1
- Gold Plated Brass Contact
- 30 μ in minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44846 TNC male right angle connector with crimp/solder attachment for PE-C200 and LMR-200 is part of our full line of RF components available for same-day shipping. Our TNC male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.35:1. Its right angle body geometry allows for easier connections in tight spaces.

Our TNC male right angle connector PE44846 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		11	GHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			0.5	mOhms
Insulation Resistance	5,000			MOhms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
Insertion Loss, Max	0.2					dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200 PE44846](#)



TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200

RF Connectors Technical Data Sheet

PE44846

Electrical Specification Notes:
 RF leakage: 60 dB min at 3GHz.

Mechanical Specifications

Size

Length	1.44 in [36.58 mm]
Width/Dia.	1.04 in [26.42 mm]
Height	0.57 in [14.48 mm]
Weight	0.066 lbs [29.94 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in minimum
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Vibration	MIL-STD-202, Method 204, Condition B
Temperature Cycle	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200 PE44846](#)



TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200

RF Connectors Technical Data Sheet

PE44846

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

Plotted and Other Data

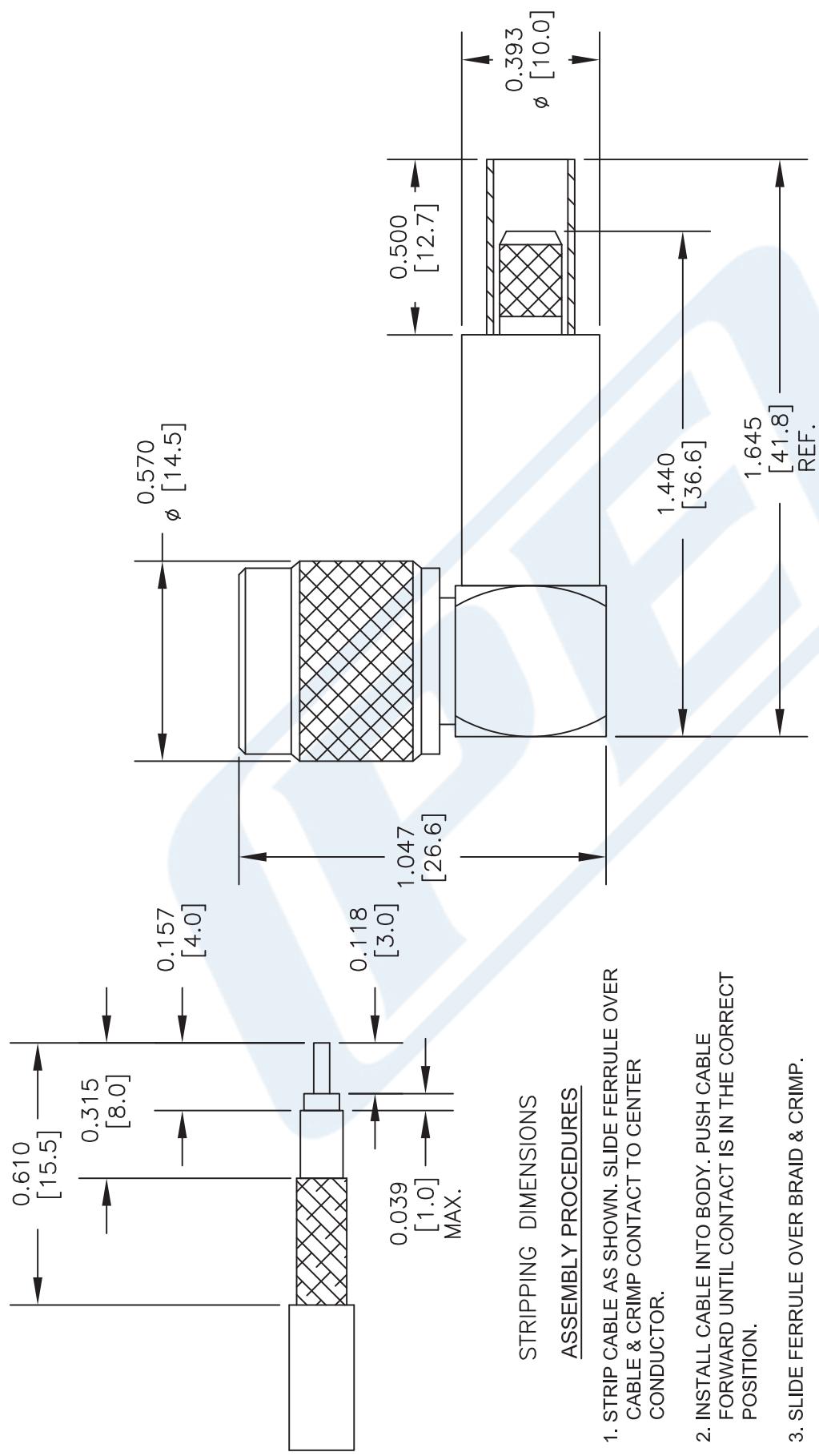
Notes:

TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200 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: [TNC Male Right Angle Connector Crimp/Solder Attachment for PE-C200, LMR-200 PE44846](#)

URL: <https://www.pasternack.com/tnc-male-standard-pe-c200-lmr-200-connector-pe44846-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.

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL
 FERRULE: .213" HEX CRIMP TOOL



PASTERNAK
THE ENGINEER'S RF SOURCE
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 Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE	PE44846
FSCM NO. 53919	CAD FILE 040516 SCALE N/A SIZE A 3045

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].

Low Loss Flexible .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET

PE-C200

Low Loss Flexible .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

Configuration

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper
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, %	83
Maximum Operating Frequency, GHz	5.8
RF Shielding, dB	90
Capacitance, pF/ft [pF/m]	24.5 [80.38]
Maximum Operating Voltage, Volts	1,000
Dielectric Withstanding Voltage, Vdc	1,000
Jacket Spark, Vrms	3,000
Peak Power, KWatts	2.5

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	50
Attenuation, dB/100ft [dB/100m]	2.3 [7.55]
Power Handling, Watts	790

Frequency 2

Frequency, MHz	150
Attenuation, dB/100ft [dB/100m]	4 [13.12]
Power Handling, Watts	450

Frequency 3

Frequency, GHz	1.5
Attenuation, dB/100ft [dB/100m]	12.9 [42.32]
Power Handling, Watts	140

Frequency 4

Frequency, GHz	2.5
Attenuation, dB/100ft [dB/100m]	16.9 [55.45]
Power Handling, Watts	110

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 .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C200](#)

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Low Loss Flexible .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET

PE-C200

Frequency 5

Frequency, GHz	5.8
Attenuation, dB/100ft [dB/100m]	26.4 [86.61]
Power Handling, Watts	70

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +85
Storage Range, deg C	-70 to +85

Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.044 [1.12]

Dielectric:

Type	PE (F)
Diameter, in [mm]	0.116 [2.95]

Shield:

Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid
Diameter, in [mm]	0.144 [3.66]

Jacket:

Material	PE
Diameter, in [mm]	0.195 [4.95]
Color	Black
Weight, lbs/ft [Kg/m]	0.022 [0.03]

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

RoHS Compliant	Yes
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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 .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C200](#)

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Low Loss Flexible .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET

PE-C200

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Low Loss Flexible .200 inch Foam Dielectric 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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

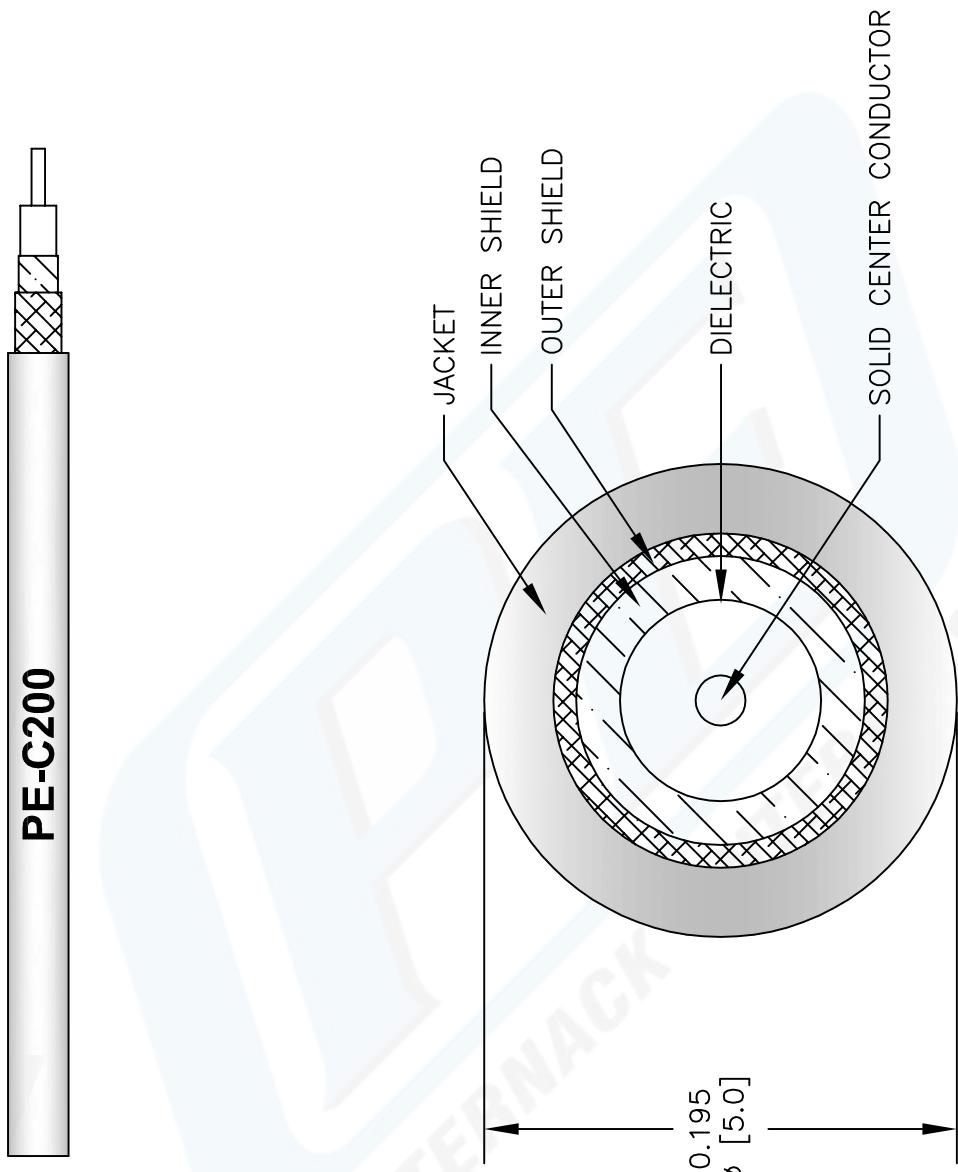
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible .200 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C200](#)

URL: <http://www.pasternack.com/flexible-0.195-50-ohm-coax-cable-pe-jacket-pe-c200-p.aspx>

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PE-C200 CAD Drawing

Low Loss Flexible .200 inch Foam Dielectric Type Coax
Cable Double Shielded with Black PE Jacket



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DWG TITLE	PE-C200
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FSCM NO.	53919	CAD FILE	040113-A	SCALE	N/A	SIZE	A
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