

N Male Right Angle Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch



RF Connectors Technical Data Sheet

PE44526

Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms

- Right Angle Body Geometry
- Connector Interface Types: PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, .400 inch

Features

- Max. Operating Frequency 11 GHz
- Gold Plated Brass Contact

- 30 μ in minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44526 type N Right Angle, N, Standard, Connector is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 11 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our type N male right angle connector PE44526 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
Operating Voltage (AC)			1,500	Vrms
Impedance	50			Ohms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance		1		mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	90			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch PE44526](#)



N Male Right Angle Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch

RF Connectors Technical Data Sheet

PE44526

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 6					GHz
VSWR, Max	1.5:1					
Insertion Loss, Max	0.15					dB

Mechanical Specifications

Size

Length	1.31 in [33.27 mm]
Width	0.83 in [21.08 mm]
Height	1.31 in [33.27 mm]
Weight	0.11 lbs [49.44 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

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

Compliance Certifications

(see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch PE44526](#)

N Male Right Angle Connector Crimp/Solder
Attachment for PE-C400, PE-B400, PE-B405, LMR-
400, LMR-400-DB, LMR-400-UF, 0.400 inch



RF Connectors
Technical Data Sheet

PE44526

N Male Right Angle Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

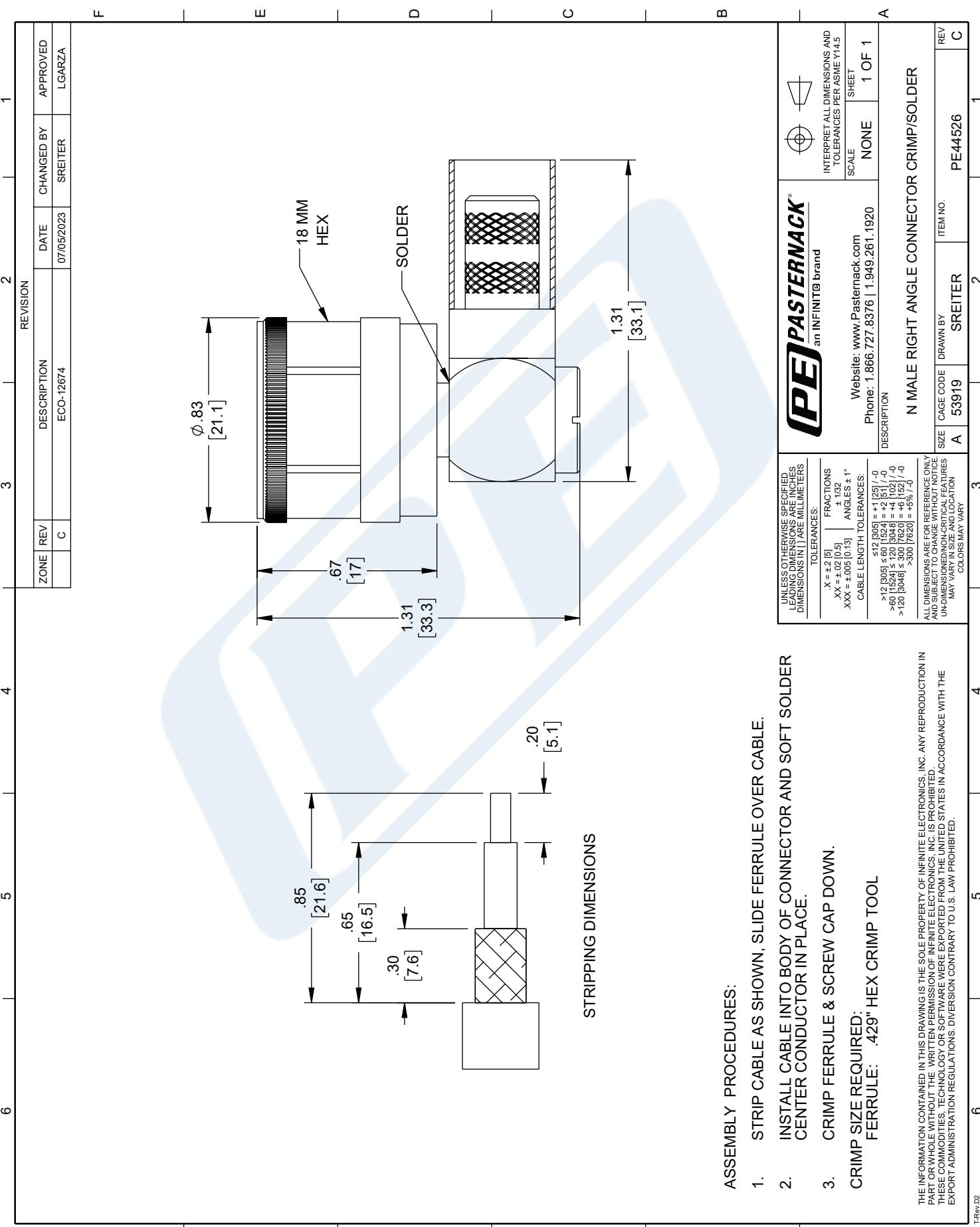
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URL: <https://www.pasternack.com/n-male-standard-pe-c400-0.400-connector-pe44526-p.aspx>

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.

PE44526 CAD Drawing

N Male Right Angle Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch





N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole

RF Connectors Technical Data Sheet

PE44530

Configuration

- N Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry

- Connector Interface Types: .400 inch, LMR-400, LMR-400-DB, LMR-400-UF, PE-B405, PE-C400, PE-B400
- Bulkhead

Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.3:1

- Gold Plated Brass Contact
- 30 μ in minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE44530 type N female bulkhead connector with crimp/solder attachment for .400 inch, LMR-400, LMR-400-DB, LMR-400-UF, PE-B405, PE-C400 and PE-B400 (.640 inch DD hole) is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.3:1. This type N bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type N female bulkhead connector PE44530 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			1.3:1	
Operating Voltage (AC)			1,500	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance		1		mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	90			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole PE44530](#)



N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole

RF Connectors Technical Data Sheet

PE44530

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 10					GHz
Insertion Loss, Max	0.15					dB

Mechanical Specifications

Size

 Length
 Width/Dia.

 1.72 in [43.69 mm]
 0.87 in [22.10 mm]

Weight

0.09 lbs [40.82 g]

Mating Cycles

500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Tri-Metal

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

Compliance Certifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole PE44530](#)



N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole

RF Connectors Technical Data Sheet

PE44530

N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole 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.

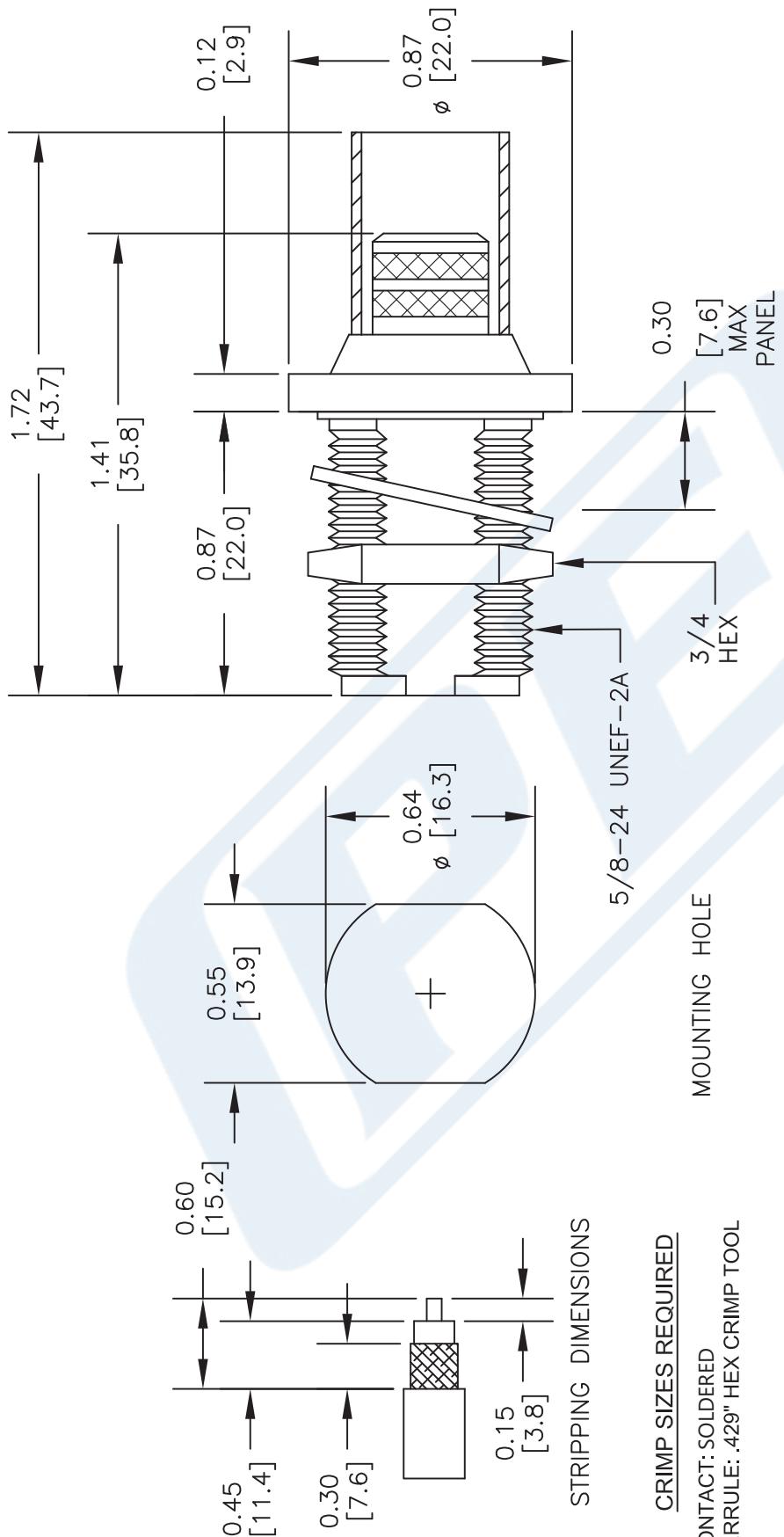
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Connector Crimp/Solder Attachment For PE-C400, 0.400 inch, .640 inch DD Hole PE44530](#)

URL: <https://www.pasternack.com/n-female-standard-pe-c400-0.400-connector-pe44530-p.aspx>

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PE44530 CAD Drawing

N Female Bulkhead Connector Crimp/Solder Attachment
For PE-C400, 0.400 inch, .640 inch DD Hole



STANDARD TOLERANCES

.X ±0.008
.XX ±0.004
.XXX ±0.002

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

PASTERNACK®
THE ENGINEER'S RF SOURCE

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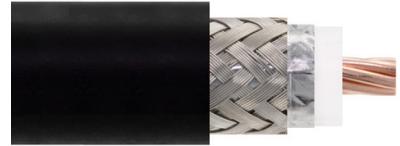
PE44530

DWG TITLE

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].

FSCM NO. 53919 CAD FILE 040416 SCALE N/A SIZE A

Low Loss Flexible LMR-400-UF Indoor/Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket



LMR-400-UF



Times Microwave Systems Connector Specification

Configuration

- Low Loss, Indoor/Outdoor Flexible Cable
- 2 Shield(s)

Features

- Max Operating Frequency of 8 GHz
- Low Loss Cable
- Phase Velocity 85% VoP

Applications

- Laboratory Applications
- General Purpose RF Interconnect

Description

LMR-400-UF part number from Pasternack is a LMR-400-UF coax cable that is flexible. Pasternack LMR-400-UF flexible coax cable is 50 Ohm and has a PE (F) dielectric. Our LMR-400-UF coax is constructed with a 0.405 jacket made of TPE. LMR-400-UF coax has a shield count of 2, a RF shielding of 90 dB and the maximum frequency for this Pasternack cable is 8 GHz. LMR-400-UF coax cable has an attenuation at 1 GHz of 5 dB.

Pasternack LMR-400-UF coax cables are part of over 40,000 RF, microwave and millimeter wave components. LMR-400-UF cables and our other RF parts are available for same day shipping worldwide. Custom RF cable assemblies using LMR-400-UF or other coax can be built and shipped same day as well.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8	GHz
Cutoff Frequency		16.2		GHz
Impedance		50		Ohms
Velocity of Propagation		85		%
Time Delay		1.2 [3.94]		ns/ft [ns/m]
Shielding Effectiveness	90			dB
Dielectric Withstanding Voltage (DC)			2,500	Vdc
Jacket Spark			8,000	Vrms
Inner Conductor DC Resistance			1.07	Ohms/1000ft
Outer Conductor DC Resistance			1.65	Ohms/1000ft
Nominal Capacitance	23.9 [78.41]			pF/ft [pF/m]
Nominal Inductance	0.06 [0.2]			uH/ft [uH/m]
Input Power (Peak)			16	kWatts

Low Loss Flexible LMR-400-UF Indoor/Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket



LMR-400-UF

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	50	150	220	450	900	MHz
Attenuation, Typ	1.1	1.8	2.2	3.3	4.7	dB/100ft
	3.61	5.91	7.22	10.83	15.42	dB/100m
Input Power (CW), Max	2,140	1,220	1,000	690	480	Watts

Description	F6	F7	F8	F9	F10	Units
Frequency	1.5	1.8	2	2.5	8	GHz
Attenuation, Typ	6.2	6.8	7.2	8.1	13	dB/100ft
	20.34	22.31	23.62	26.57	42.65	dB/100m
Input Power (CW), Max	360	330	310	280	170	Watts

Mechanical Specifications

Diameter	0.405 in [10.29 mm]
Weight	0.087 lbs/ft [0.13 kg/m]
Min. Bend Radius (Installation)	1 in [25.4 mm]
Min. Bend Radius (Repeated)	4 in [101.6 mm]
Bending Moment	0.38 lbs-ft [0.52 N-m]
Tensile Strength	160 lbs [72.57 kg]
Flat Plate Crush	20 lbs/in [0.36 kg/mm]

Construction Specifications

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

Environmental Specifications

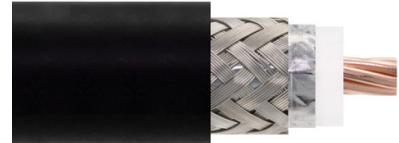
Temperature	
Operating Range	-40 to +85 deg C
Storage Range	-70 to +85 deg C

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

Plotted and Other Data

Notes:

Low Loss Flexible LMR-400-UF Indoor/Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket



LMR-400-UF

Low Loss Flexible LMR-400-UF Indoor/Outdoor Rated Coax Cable Double Shielded with Black TPE 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 LMR-400-UF Indoor/Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket LMR-400-UF](#)

URL: <https://www.pasternack.com/50-ohm-low-loss-flexible-lmr400uf-tpe-jacket-double-shielded-lmr-400-uf-p.aspx>

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LMR-400-UF CAD Drawing

Low Loss Flexible LMR-400-UF Indoor/Outdoor Rated Coax Cable Double Shielded with Black TPE Jacket

