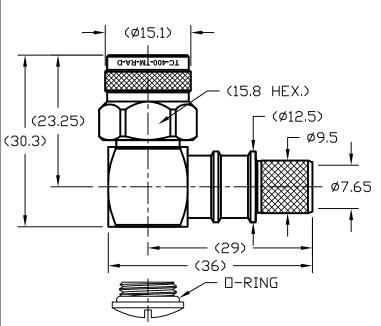
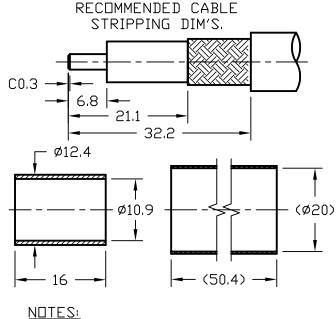
NOTICE OF PROPRIETARY RIGHTS
THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO
TIMES MICROWAVE SYSTEMS, DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN
YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

MYS	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
Α	RELEASED FOR PRODUCTION	X. A. M.	6/3/11	J.D.B.	6/3/11
В	CHANGED PER CDC #34607/36250	D.J.H.	9/24/12	J.D.B.	9/25/12





1. CONTACT PIN IS SOLDERED.

ALL PARTS SATISFIED ROHS REQUIREMENTS

MATERIALS A	AND PLATING	UNIT: MICRO-INCHES
BODY/SHELL	BRASS C3604	ALBALOY 80 MIN/COPPER
CONTACT PIN	BRASS C3604	GOLD 50 MIN/NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A
GASKET	SILICONE	RED
FERRULE	BRASS	ALBALOY 80 MIN/COPPER
SHRINK TUBING	PO	BLACK

ELECTRICAL CHARACTERISTICS			
Impedance		50 Ω	
Frequency range		0~11GHz	
Voltage rating		500V(rms)	
Dielectric withstanding voltage		1000V	
		nter contact≤3 mΩ	
Contact resistance	Out	er contact≤2 m Ω	
Insulation resistance		≥5000MΩ	
Insertion loss	According to the cable		
RF- leakage	N/A	4	
VSWR	≤1.	35 MAX@0-6GHz	

2. FERRULE IS CRIMPED TO .429" HEX.

MECHANICAL CHARACTERISTICS		
Force to engage and disengage	N/A	
Center contact retention force	6 lbs Min	
Coupling torque	15 in-lbs Min	
Coupling nut retention force	60 lbs Min	
Durability	≥ 500 cycles	

ENVIRONMENTAL CHARACTERISTICS				
Temperature rai	nge	-55°C- +125°C		
Thermal Shock	MIL-STD-202,Method 107,Cond B			
Vibration	MIL-STD-	202,Method 204,Cond B		
Shock	MIL-STD-202,Method 213,Cond I			
Climatic Class IEC 60068 55/155/56				

MATL:	UNLESS OTHERWISE SPECIFIED DFTM.K.	A. M. TIMES MICDOUAVE SYSTEMS
	ALL DIMENSIONS ARE IN mm DATE 6/	3/11 TIMES MICROWAVE SYSTEMS
	REMOVE ALL BURRS 0.15X45° MAX, BREAK CHKD. J. MACHINE CORNERS 0.15X45°D MAX, FILLET R.	D. B. TC-400-TM-RA-D
USED DN: 0-4	TOLERANCES ON DECIMALS Y + 0.3 DATE 6/	3/11 90° TNC MALE
	ANGLES ± 1° FRACTIONS ± N/A APPD. J.	D. B. FOR LMR400 CABLE
SCALE: N/A	DWG. A DO NOT SCALE DRAWING CODE 68999 DATE 6/	<u>3/11</u> № 1 of 1 SD3190-2671 🖁 B



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

Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.5:1

- PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF, 0.400 inch Interface Type
- Crimp/Solder Attachment
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

General Purpose Test

Custom Cable Assemblies

Description

Pasternack's PE44526 type N male right angle connector with crimp/solder attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF and 0.400 inch 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 and offers good VSWR of 1.5:1. 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
VSWR			1.5:1	
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 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

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com



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 10					GHz
Insertion Loss, Max	0.15					dB

Mechanical Specifications

 Length
 1.31 in [33.27 mm]

 Width/Dia.
 0.83 in [21.08 mm]

 Height
 1.31 in [33.27 mm]

 Weight
 0.109 lbs [49.44 g]

 Mating Cycles
 500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin 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

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-DB, LMR-400-UF, 0.400 inch PE44526

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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

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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% 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 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

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

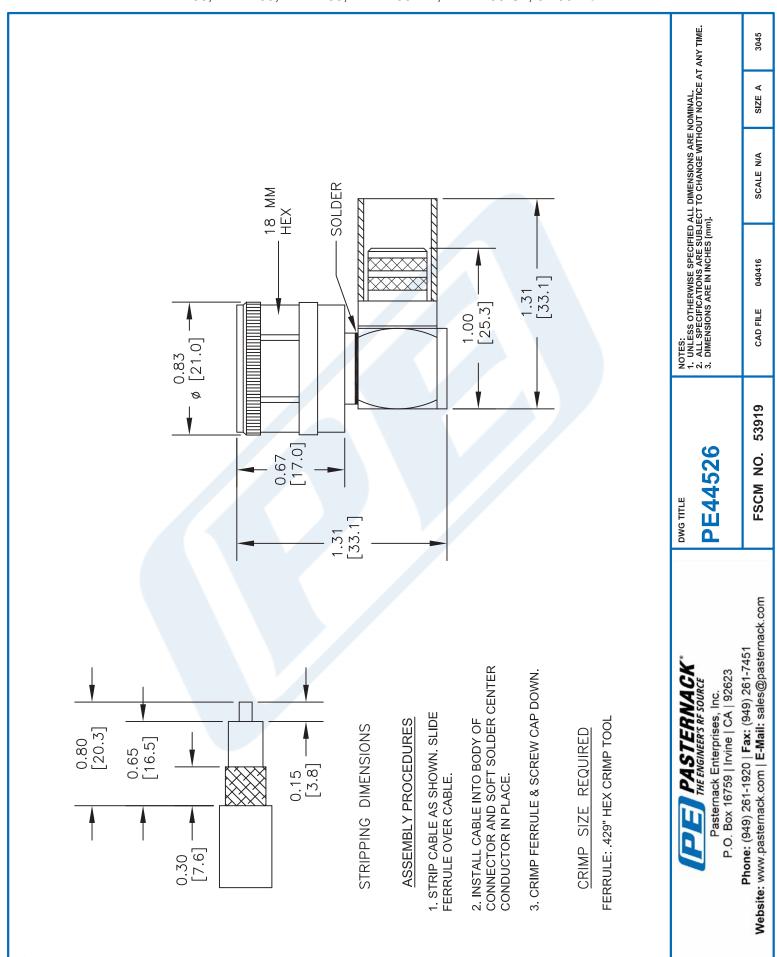
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

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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





LMR-8400-UF UltraFlex Communications Coax

Ideal for...

- Drop-in replacement for RG-8/9913 Air-Dielectric type Cable
- Jumper Assemblies in Wireless Communications Systems
- Short Antenna Feeder runs
- Any application that requires periodic/repeated flexing

- LMR*- UltraFlex has a stranded center conductor and rubber outer jacket designed for multiple bending/ flexing cycles. It is used for both indoor and outdoor applications.
- **Flexibility** and bendability are hallmarks of the LMR-400-UF cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.
- Low Loss is another hallmark feature of LMR-400-UF. Size for size LMR has the lowest loss of any flexible cable and comparable loss to semirigid hard-line cables.
- **RF Shielding** is 50 dB greater than typical single shielded coax (40 dB). The multi-ply bonded foil outer conductor is rated conservatively at > 90 dB (i.e. >180 dB between two adjacent cables).
- Weatherability: LMR-400-UF cables are designed for outdoor exposure and have a life expectancy in excess of 10 years.

• Connectors: A wide variety of connectors are available for LMR-400-UF cable, including all common interface types, reverse polarity, and solder-on center pins. Most LMR connectors employ crimp outer attachment using standard hex crimp sizes.

LWR-400 ULTRAFLEX TIME

• Cable Assemblies: All LMR-400-UF cable types are available as pre-terminated cable assemblies. Refer to the section on FlexTech for further details.

Part Description				
Part Number	Application	Jacket	Color	Stock Code
LMR-400-UF	Indoor/Outdoor	TPE	Black	54040

Construction Specifications						
Description	Material	ln.	(mm)			
Inner Conductor	Stranded BC	0.108	(2.74)			
Dielectric	Foam Polyethylene	0.285	(7.24)			
Outer Conductor	Aluminum Tape	0.291	(7.39)			
Overall Braid	Tinned Copper	0.320	(8.13)			
Jacket	Black Thermoplastic Elastomer	0.405	(10.29)			



LMR®-400-UF UltraFlex Communications Coax



Connectors

7-16 DIN Female Straight Jack TC-400-716-FC 3190-376 <1.25:1 (2.5) NA Solder Clamp S/S 1.6 (41) 1.13 (28.7) 0.2 (7.16 DIN Male Straight Plug TC-400-716-MC 3190-279 <1.25:1 (2.5) Hex Solder Clamp S/S 1.4 (36) 1.40 (35.6) 0.2 (7.16 DIN Male Straight Plug TC-400-BM 3190-318 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.56 (14.2) 0.0 (14.2)																
7-16 DIN Male Straight Plug TC-400-716-MC 3190-279 <1.25:1 (2.5) Hex Solder Clamp S/S 1.4 (36) 1.40 (35.6) 0.2 BNC Male Straight Plug TC-400-BM 3190-318 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.56 (14.2) 0.0 Mini-UHF Straight Plug TC-400-MUHF 3190-520 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.1 (28) 0.50 (12.7) 0.0 N Female Straight Plug SC-400-NFC 3190-299 <1.25:1 (2.5) NA Solder Clamp N/S 1.6 (41) 0.75 (19.1) 0.1 N Male Straight Plug SC-400-NM 3190-1454 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NMC 3190-277 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NMC 3190-277 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.1 Straight Plug TC-400-NMH-D 3190-552 <1.25:1 (10) Hex/Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.1 Right Angle TC-400-NMH-RA 3190-422° <1.35:1 (6) Hex Solder Crimp N/G 1.5 (38) 0.89 (22.6) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293° <1.35:1 (6) Hex/Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7	erface I	Description						Contact	Contact	Body	Le				We lb	ight (g)
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Mini-UHF Straight Plug TC-400-MUHF 3190-520 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.1 (28) 0.50 (12.7) 0.0 N Female Straight Jack TC-400-NFC 3190-299 <1.25:1	6 DIN Male	Straight Plug	TC-400-716-MC	3190-279	<1.25:1	(2.5)	Hex	Solder	Clamp	S/S	1.4	(36)	1.40	(35.6)	0.268	(121.6)
N Female Straight Jack TC-400-NFC 3190-299 <1.25:1 (2.5) NA Solder Clamp N/S 1.6 (41) 0.75 (19.1) 0.1 N Male Straight Plug SC-400-NM 3190-1454 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NM 3190-188 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NMC 3190-277 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.1 Straight Plug TC-400-NMH-D 3190-552 <1.25:1 (10) Hex/Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.1 Right Angle TC-400-NMH-RA 3190-422* <1.35:1 (6) Hex/Knurl Solder Crimp N/G 1.5 (38) 0.89 (22.6) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293* <1.35:1 (6) Hex/Knurl Solder Crimp N/G 1.8 (46) 1.25 (31.8) 0.1 Right Plug TC-400-NMH-RA-D 3190-2293* <1.35:1 (6) Hex/Knurl Solder Crimp N/G 1.8 (46) 1.25 (31.8) 0.1 SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0	C Male	Straight Plug	TC-400-BM	3190-318	<1.25:1	(2.5)	Knurl	Solder	Crimp	N/S	1.7	(43)	0.56	(14.2)	0.063	(28.6)
N Male Straight Plug SC-400-NM 3190-1454 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NM 3190-188 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NMC 3190-277 <1.25:1 (2.5) Knurl Solder Clamp N/G 1.5 (38) 0.75 (19.1) 0.1 Straight Plug TC-400-NMH-D 3190-552 <1.25:1 (10) Hex/Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.1 Right Angle TC-400-NMH-RA 3190-422° <1.35:1 (6) Hex Solder Crimp N/G 1.5 (38) 0.89 (22.6) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293° <1.35:1 (6) Hex/Knurl Solder Crimp N/G 1.8 (46) 1.25 (31.8) 0.1 Right Plug TC-400-NMH-RA-D 3190-2293° <1.35:1 (6) Hex/Knurl Solder Crimp N/G 1.8 (46) 1.25 (31.8) 0.1 Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 SMA Male Stra	i-UHF S	Straight Plug	TC-400-MUHF	3190-520	<1.25:1	(2.5)	Knurl	Solder	Crimp	N/G	1.1	(28)	0.50	(12.7)	0.020	(9.1)
Straight Plug TC-400-NM 3190-188 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NMC 3190-277 <1.25:1 (2.5) Knurl Solder Clamp N/G 1.5 (38) 0.75 (19.1) 0.0 Straight Plug TC-400-NMH-D 3190-552 <1.25:1 (10) Hex/Knurl Solder Crimp A/G 1.5 (38) 0.75 (19.1) 0.1 Right Angle TC-400-NMH-RA 3190-422° <1.35:1 (6) Hex Solder Crimp S/G 1.8 (46) 1.25 (31.8) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293° <1.35:1 (6) Hex/Knurl Solder Crimp A/G 1.8 (46) 1.25 (31.8) 0.1 SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 SMA Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 S	emale S	Straight Jack	TC-400-NFC	3190-299	<1.25:1	(2.5)	NA	Solder	Clamp	N/S	1.6	(41)	0.75	(19.1)	0.119	(54.0)
Straight Plug TC-400-NMC 3190-277 <1.25:1 (2.5) Knurl Solder Clamp N/G 1.5 (38) 0.75 (19.1) 0.1 Straight Plug TC-400-NMH-D 3190-552 <1.25:1 (10) Hex/Knurl Solder Crimp A/G 1.5 (38) 0.89 (22.6) 0.1 Right Angle TC-400-NMH-RA 3190-422* <1.35:1 (6) Hex Solder Crimp S/G 1.8 (46) 1.25 (31.8) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293* <1.35:1 (6) Hex/Knurl Solder Crimp A/G 1.8 (46) 1.25 (31.8) 0.1 SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 TNC Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0 TNC Male	Male S	Straight Plug	SC-400-NM	3190-1454	<1.25:1	(2.5)	Knurl	Solder	Crimp	N/G	1.5	(38)	0.75	(19.1)	0.090	(40.8)
Straight Plug TC-400-NMH-D 3190-552 <1.25:1 (10) Hex/Knurl Solder Crimp A/G 1.5 (38) 0.89 (22.6) 0.1 Right Angle TC-400-NMH-RA 3190-422* <1.35:1 (6) Hex Solder Crimp S/G 1.8 (46) 1.25 (31.8) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293* <1.35:1 (6) Hex/Knurl Solder Crimp A/G 1.8 (46) 1.25 (31.8) 0.1 SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 TNC Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0	;	Straight Plug	TC-400-NM	3190-188	<1.25:1	(2.5)	Knurl	Solder	Crimp	N/G	1.5	(38)	0.75	(19.1)	0.090	(40.8)
Right Angle TC-400-NMH-RA 3190-422* <1.35:1 (6) Hex Solder Crimp S/G 1.8 (46) 1.25 (31.8) 0.1 Right Angle TC-400-NMH-RA-D 3190-2293* <1.35:1 (6) Hex/Knurl Solder Crimp A/G 1.8 (46) 1.25 (31.8) 0.1 SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 TNC Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0	;	Straight Plug	TC-400-NMC	3190-277	<1.25:1	(2.5)	Knurl	Solder	Clamp	N/G	1.5	(38)	0.75	(19.1)	0.121	(54.9)
Right Angle TC-400-NMH-RA-D 3190-2293* <1.35:1 (6) Hex/Knurl Solder Crimp A/G 1.8 (46) 1.25 (31.8) 0. SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1	;	Straight Plug	TC-400-NMH-D	3190-552	<1.25:1	(10)	Hex/Knurl	Solder	Crimp	A/G	1.5	(38)	0.89	(22.6)	0.113	(51.3)
SMA Male Straight Plug TC-400-SM 3190-439 <1.25:1 (8) Hex Solder Crimp N/G 1.2 (29) 0.50 (12.7) 0.0 TNC Male Straight Plug TC-400-TM 3190-260 <1.25:1	ı	Right Angle	TC-400-NMH-RA	3190-422*	<1.35:1	(6)	Hex	Solder	Crimp	S/G	1.8	(46)	1.25	(31.8)	0.130	(59.0)
TNC Male Straight Plug TC-400-TM 3190-260 <1.25:1 (2.5) Knurl Solder Crimp N/S 1.7 (43) 0.59 (15.0) 0.0	ſ	Right Angle	TC-400-NMH-RA-D	3190-2293*	<1.35:1	(6)	Hex/Knurl	Solder	Crimp	A/G	1.8	(46)	1.25	(31.8)	0.130	(59.0)
	A Male	Straight Plug	TC-400-SM	3190-439	<1.25:1	(8)	Hex	Solder	Crimp	N/G	1.2	(29)	0.50	(12.7)	0.032	(14.5)
Right Angle TC-400-TM-RA 3190-442° <1.35:1 (2.5) Knurl Solder Crimp N/G 1.7 (43) 0.59 (15.0) 0.0	C Male	Straight Plug	TC-400-TM	3190-260	<1.25:1	(2.5)	Knurl	Solder	Crimp	N/S	1.7	(43)	0.59	(15.0)	0.074	(33.6)
	-	Right Angle	TC-400-TM-RA	3190-442*	<1.35:1	(2.5)	Knurl	Solder	Crimp	N/G	1.7	(43)	0.59	(15.0)	0.085	(38.6)

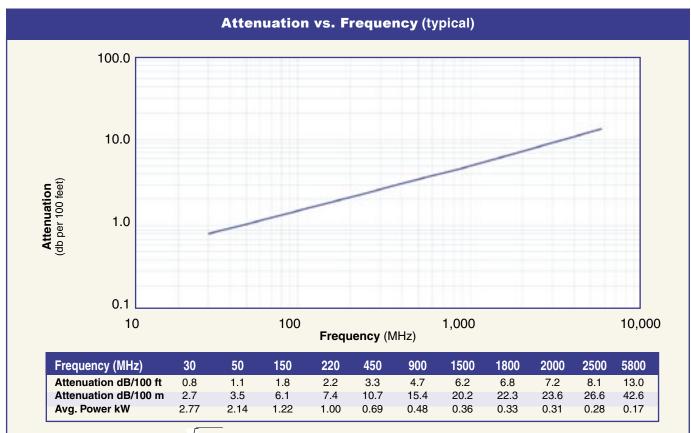
^{*} Finish metals: N=Nickel, S=Silver, G=Gold, SS=Stainless Steel, A=Alballoy **VSWR spec based on 3 foot cable with a connector pair *Available in bulk pack



Mechanical Specifications								
Performance Property	Units	US	(metric)					
Bend Radius: installation	in. (mm)	1.0	(25.4)					
Bend Radius: repeated	in. (mm)	4.0	(101.6)					
Bending Moment	ft-lb (N-m)	0.375	(0.51)					
Weight	lb/ft (kg/m)	.088	(0.131)					
Tensile Strength	lb (kg)	160	(72.6)					
Flat Plate Crush	lb/in. (kg/mm)	20	(0.36)					

Environmental Specifications							
Performance Property	°F	°C					
Installation Temperature Range	-40/+185	-40/+85					
Storage Temperature Range	-94/+185	-70/+85					
Operating Temperature Range	-40/+185	-40/+85					

		_					
Electrical Specifications							
Performance Property	Units	US	(metric)				
Cutoff Frequency	GHz		16.2				
Velocity of Propagation	%	% 85					
Dielectric Constant	NA	1.38					
Time Delay	nS/ft (nS/m)	1.20	(3.92)				
Impedance	ohms		50				
Capacitance	pF/ft (pF/m)	23.9	(78.40)				
Inductance	uH/ft (uH/m)	0.060	(0.21)				
Shielding Effectiveness	dB	>90					
DC Resistance							
Inner Conductor	ohms/1000ft (/km)	1.07	(3.51)				
Outer Conductor	ohms/1000ft (/km)	1.65	(5.4)				
Voltage Withstand	Volts DC	2500					
Jacket Spark	Volts RMS	8000					
Peak Power	kW		16				

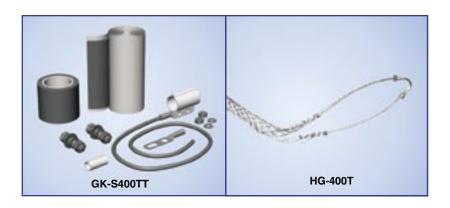


Calculate Attenuation = (0.146748) • √FMHz + (0.000312) • FMHz (interactive calculator available at http://www.timesmicrowave.com/cable_calculators)

Attenuation: VSWR=1.0; Ambient = +25°C (77°F) Power: VSWR=1.0; Ambient = +40°C; Inner Conductor = 100°C (212°F);

Sea Level; dry air; atmospheric pressure; no solar loading





Hardware Accessories

Туре	Part Number	Stock Code	Description
Ground Kit	GK-S400TT	GK-S400TT	Standard Grounding Kit (each)
Hoisting Grip	HG-400T	HG-400T	Laced Type (each)





Install Tools

Туре	Part Number	Stock Code	Description
Crimp Tool	HX-4	3190-200	Crimp Handle
Crimp Dies	Y1719	3190-202	.429" Hex Dies
Crimp Tool	CT-400/300	3190-666	Crimp tool for LMR 400 connectors
Crimp Rings	CR-400	3190-830	Crimp rings for TC/EZ-400 connectors (package of 10)
Cutting Tool	CCT-01	3190-1544	Cable end flush cut tool
Replacement B	lade RB-01	3190-1609	Replacement blade for cutting tool