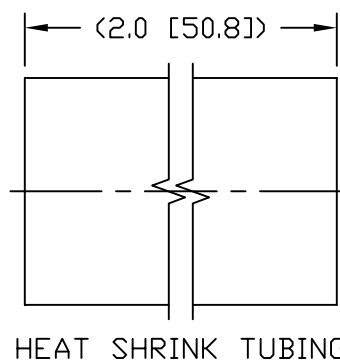
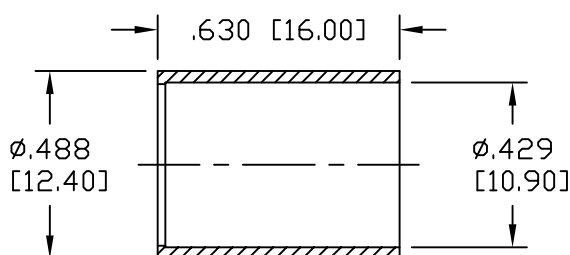
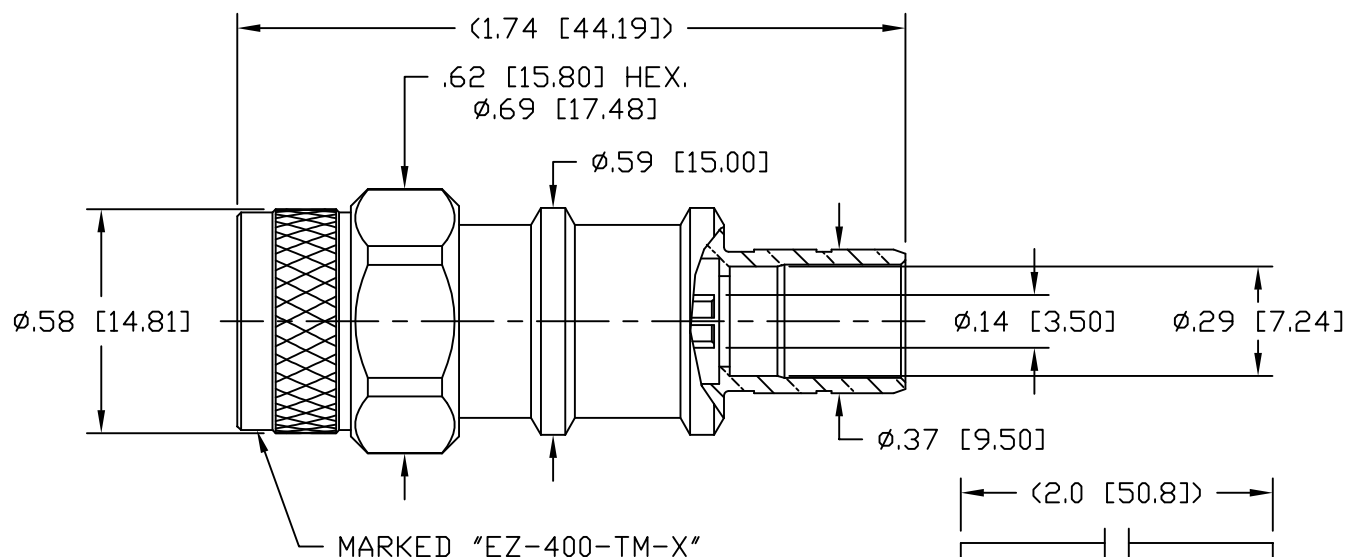
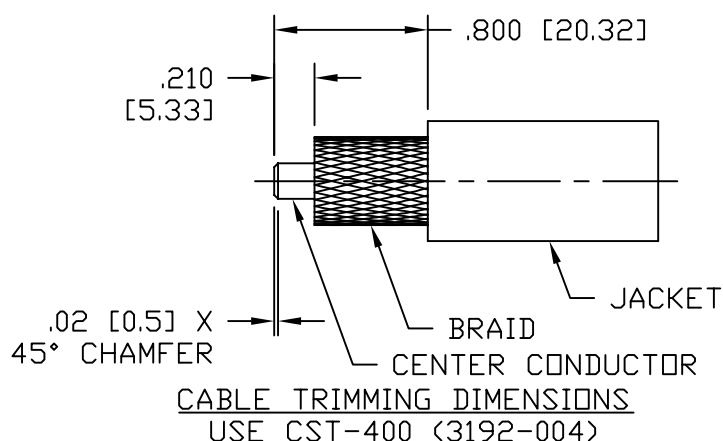


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	2/25/10	J.D.B.	3/11/10
B	CHANGED PER CDC #34322	D.J.H.	10/12/11	J.D.B.	10/27/11
C	CHANGED PER CDC #36607	D.J.H.	11/16/12	J.D.B.	11/19/12



HEAT SHRINK TUBING



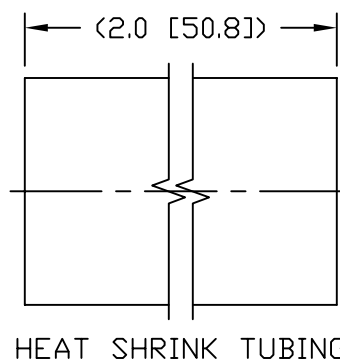
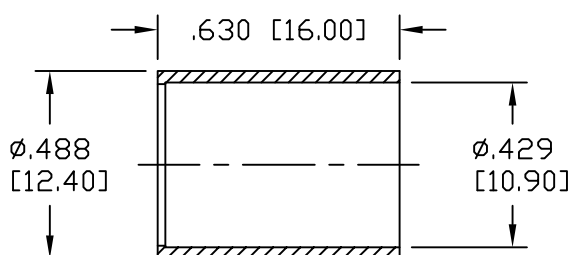
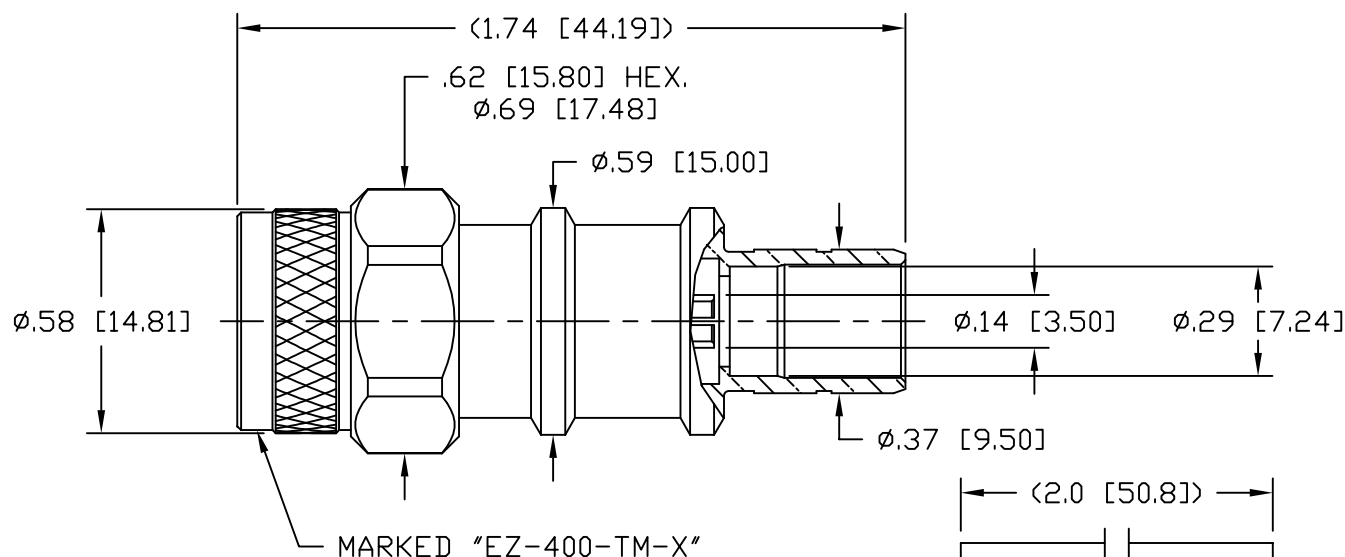
NOTES:

- MATERIALS AND FINISHES:
BODY: BRASS, ALBALOY PLATING
COUPLING NUT: BRASS, ALBALOY PLATING
CENTER CONTACT: BERYLLIUM COPPER, GOLD PLATING
FERRULE: COPPER, ALBALOY PLATING
- ELECTRICAL:
IMPEDANCE: 50 OHMS NOMINAL
FREQUENCY: DC-6 GHz
VSWR: 1.2 DC-6 GHz
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VOLTS RMS
- MECHANICAL:
DURABILITY: 500 CYCLES MIN.
TEMPERATURE RANGE: -65°C TO +165°C
- CABLING INSTRUCTIONS:
A. SLIDE FERRULE OVER CABLE JACKET
B. TRIM CABLE TO DIMENSIONS SHOWN. MAKE SURE CUTS ARE SHARP AND SQUARE. DO NOT NICK BRAID OR CENTER CONDUCTOR.
C. FLAIR BRAID SLIGHTLY AND INSERT CABLE INTO BODY UNTIL BOTTOMED. SLIDE THE FERRULE UP THE CABLE AND OVER THE BRAID UNTIL BOTTOMED ON BODY. CRIMP FERRULE USING A .429 HEX.
- RECOMMENDED COUPLING NUT TORQUE: 4-6 IN-LBS.

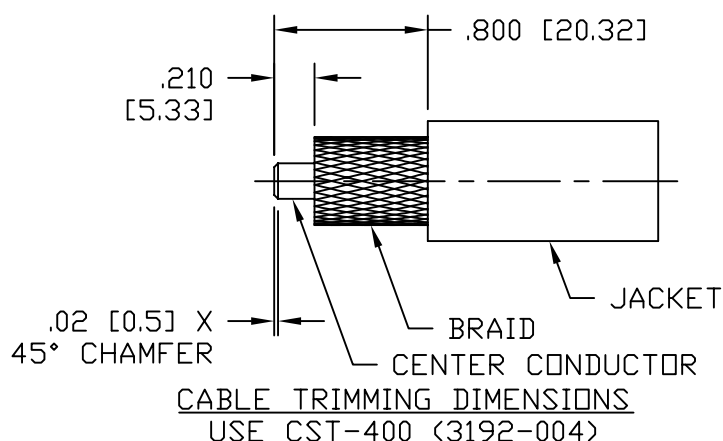
MATL:		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH 32 RMS MAX. REMOVE ALL BURRS .005 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS .XX ± .01 .XXX ± .005 ANGLES ± 1° FRACTIONS ± 1/64		DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS					
				DATE 2/25/10						
USED ON: B				CHKD. J. D. B.	EZ-400-TM-X PLUG, TNC, EZ FOR LMR-400					
				DATE 3/11/10						
SCALE: ~		DWG. SIZE A			CODE IDENT 68999	APPD. J. D. B.	SHEET 1 of 1		SD3190-2533	REV C
						DATE 3/11/10				

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HEAT SHRINK TUBING



NOTES:

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COUPLING NUT: BRASS, ALBALOY PLATING
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FERRULE: COPPER, ALBALOY PLATING
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IMPEDANCE: 50 OHMS NOMINAL
FREQUENCY: DC-6 GHz
VSWR: 1.2 DC-6 GHz
DIELECTRIC WITHSTANDING VOLTAGE: 1,000 VOLTS RMS
- MECHANICAL:
DURABILITY: 500 CYCLES MIN.
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- RECOMMENDED COUPLING NUT TORQUE: 4-6 IN-LBS.

MATL:		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH 32 RMS MAX. REMOVE ALL BURRS .005 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS .XX ± .01 .XXX ± .005 ANGLES ± 1° FRACTIONS ± 1/64		DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS					
				DATE 2/25/10						
USED ON: B				CHKD. J. D. B.	EZ-400-TM-X PLUG, TNC, EZ FOR LMR-400					
				DATE 3/11/10						
SCALE: ~		DWG. SIZE A			CODE IDENT 68999	APPD. J. D. B.	SHEET 1 of 1		SD3190-2533	REV C
						DATE 3/11/10				

Low Loss Flexible LMR-400-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer Jacket



LMR-400-LLPX



Times Microwave Systems Connector Specification

Configuration

- Low Loss, Plenum Flexible Cable
- 2 Shield(s)

Features

- UL CMP Plenum Rated
- Low Density PTFE Dielectric
- Low Loss
- Shielding >90 dB
- 1 Inch One Time Bend Radius
- Lightweight and Extremely Flexible

Applications

- Indoor Plenum Installations
- Land Mobile Radio (LMR)
- In-Building Wireless Systems

Description

Low Loss Flexible LMR-400-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer Jacket by Times Microwave is part of our full line of RF components available for same-day shipping. The LMR-400-LLPX coaxial cable features a low loss low density PTFE dielectric, a solid copper clad aluminum center conductor, and a dual shield of a tinned copper braid over aluminum tape. These design features combine to make the Times Microwave LMR-400-LLPX a flexible, low loss, and low PIM coax cable that is ideal for indoor plenum installations, land mobile radio (LMR), and in-building wireless systems. The red fluoropolymer jacket provides protection as well as resulting in a highly fire retardant cable.

Our datasheet specifications and drawing with dimensions for Times Microwave LMR-400-LLPX coax cable are shown below in this PDF. Whether the need is to provide a low PIM, low loss indoor cable run or simply create a custom cable assembly configuration, Pasternack has the right LMR-400-LLPX cable assembly for the job.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8	GHz
Impedance		50		Ohms
Velocity of Propagation		76		%
Shielding Effectiveness	90			dB
Nominal Capacitance		26.7 [87.6]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	50	150	220	450	900	MHz
Attenuation, Typ	0.9	1.6	1.9	2.8	4	dB/100ft
	2.95	5.25	6.23	9.19	13.12	dB/100m
Input Power (CW), Max	4.8	2.8	2.3	1.6	1.1	kWatts

Low Loss Flexible LMR-400-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer Jacket



LMR-400-LLPX

Description	F6	F7	F8	F9	F10	Units
Frequency	1	1.5	2	2.5	5.8	GHz
Attenuation, Typ	4.2	5.2	6.1	6.8	10.7	dB/100ft
	13.78	17.06	20.01	22.31	35.1	dB/100m
Input Power (CW), Max	1,000	840	730	650	410	Watts

Mechanical Specifications

Diameter	0.37 in [9.4 mm]
Weight	0.104 lbs/ft [0.15 kg/m]
Min. Bend Radius (Repeated)	4 in [101.6 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Aluminum, 1 Strand	0.095 in [2.41 mm]
Conductor Type	Solid	
Dielectric	PTFE (LD)	0.285 in [7.24 mm]
First Shield	Aluminum Tape	
Second Shield	Tinned Copper Braid	
Jacket	Fluoropolymer, Red	0.37 in [9.4 mm]

Environmental Specifications

Temperature	
Operating Range	-40 to 125 deg C

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

Plotted and Other Data

Notes:

Low Loss Flexible LMR-400-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer Jacket



LMR-400-LLPX

Low Loss Flexible LMR-400-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer 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-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer Jacket LMR-400-LLPX](#)

URL: <https://www.pasternack.com/low-loss-flexible-lmr400llpx-fluoropolymer-jacket-aluminum-tape-over-tinned-copper-braid-outer-conductor-double-shielded-lmr-400-llpx-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

Low Loss Flexible LMR-400-LLPX Plenum Rated Coax Cable Double Shielded with Red Fluoropolymer Jacket

