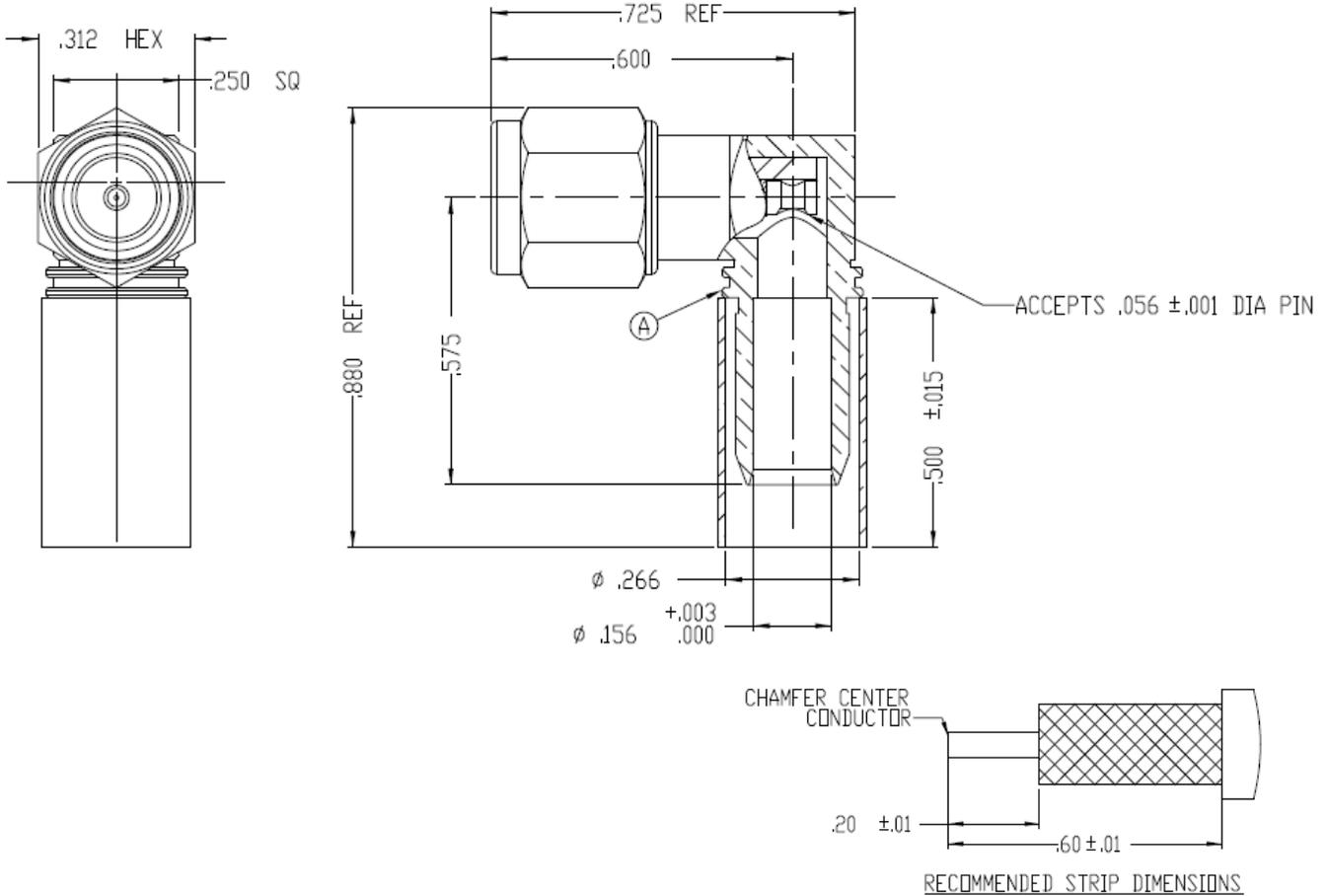


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	9/5/13	J.D.B.	9/10/13



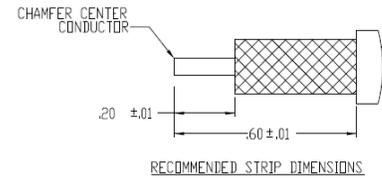
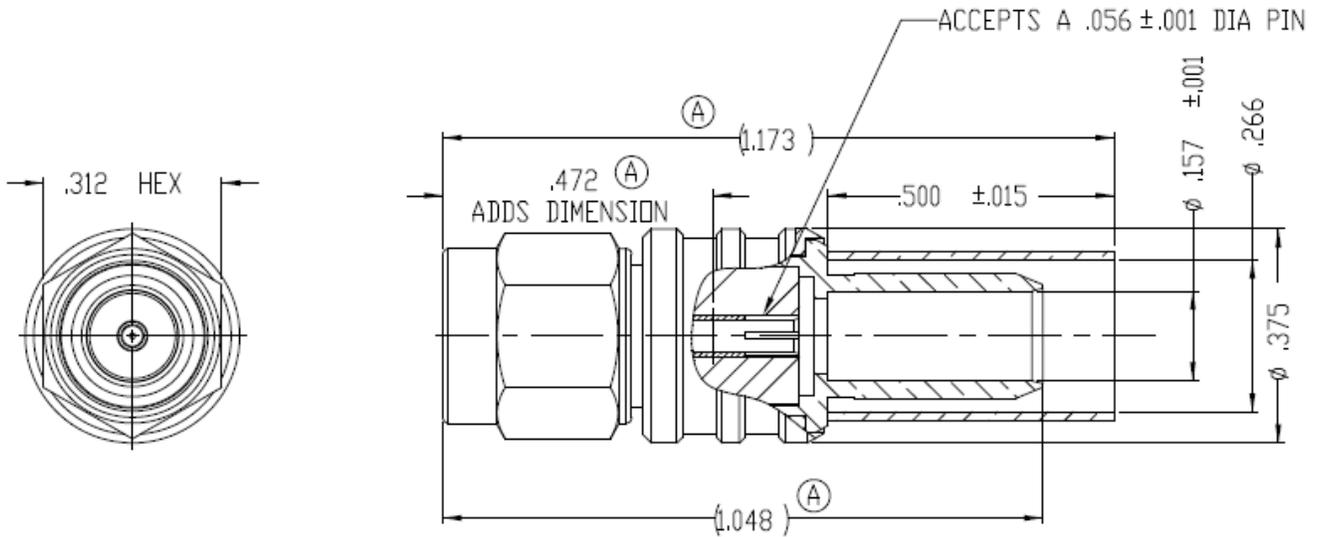
NOTES:

- ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348
- MATERIAL:**
 - BODY, HEX NUT - BRASS PER ASTM B16, C36000 ALLOY, TEMPER H02
 - INSULATOR - TEFLON PER ASTM D1710, TYPE 1, GRADE 1, CLASS A
 - SHRINK SLEEVE - HEAT SHRINKABLE ATUM PER MIL-I-23053/4 (NOT SHOWN)
 - GASKET - SILICONE RUBBER PER A-A-59588, 50-75 DUROMETER
 - CRIMP SLEEVE - D.H.P. COPPER CDA, ALLOY #122, TEMPER HARD
 - CONTACT & LOCKING RING - BERYLLIUM COPPER PER ASTM B196, C17300 ALLOY, CONDITION HT
- FINISH:**
 - CONTACT - GOLD PLATE PER ASTM B488
 - CRIMP SLEEVE - SULFAMATE NICKEL PER MIL-P-27418
 - ALL OTHER METAL PARTS - ALBALOY PLATE PER DELTA SPEC. 111197

MATERIAL:	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH 63 RMS MAX. REMOVE ALL BURRS .004 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS .XX \pm .01 .XXX \pm .005 ANGLES \pm 1° FRACTIONS \pm 1/64	DFTM. N. N. N	TIMES MICROWAVE SYSTEMS
		DATE 9/5/13	
USED ON: B		CHKD. J. D. B.	EZ-240-SM-RA-X CONNECTOR ASSEMBLY 90° SMAM for LMR-240
		DATE 9/10/13	
SCALE: NONE	DWG. SIZE A	APPD. J. D. B.	1 of 1 SD3190-2899 A
		DATE 9/10/13	

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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	8/21/13	J. D. B.	9/10/13



NOTES:

- ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348
- MATERIAL:**
 BODY, NUT, CLAMP - BRASS PER ASTM B16, C36000 ALLOY, TEMPER H02
 INSULATOR - TEFLON PER ASTM D1710, TYPE 1, GRADE 1, CLASS A
 GASKET - SILICONE RUBBER PER A-A-59588, 50-75 DUROMETER
 SHRINK SLEEVE - HEAT SHRINKABLE ATUM PER MIL-I-23053/4 (NOT SHOWN)
 CRIMP SLEEVE - D.H.P. COPPER CDA, ALLOY #122, TEMPER HARD
 CONTACT & LOCKING RING - BERYLLIUM COPPER PER ASTM B196, C17300 ALLOY, CONDITION HT
- FINISH:**
 CONTACT - GOLD PLATE PER ASTM B488
 CRIMP SLEEVE - SULFAMATE NICKEL PER MIL-P-27418
 ALL OTHER METAL PARTS - ALBALOY PLATE PER DELTA SPEC. 111197

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM. N. N. N	TIMES MICROWAVE SYSTEMS	
	ALL DIMENSIONS ARE IN INCHES MACHINED SURFACES FINISH 63 RMS MAX. REMOVE ALL BURRS .004 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS .XX ±.01 .XXX ±.005 ANGLES ± 1° FRACTIONS ± 1/64		DATE 8/21/13		
USED ON: A	DO NOT SCALE DRAWING		CHKD. J. D. B.	EZ-240-SM-X CONNECTOR ASSEMBLY SMAM for LMR-240	
			DATE 9/10/13		
SCALE: NONE	DWG. SIZE: A	CODE IDENT: 68999	APPD. J. D. B.	DATE 9/10/13	SHEET: 1 of 1
				SD3190-2897	REV: A



Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8X

Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Shield Materials	Copper Braid
Jacket Material and Color	PVC (NC), Black

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	26 [85.3]
Maximum Operating Voltage, Volts	2,500

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	1 [3.28]
Power Handling, KWatts	1

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	8 [26.25]
Power Handling, Watts	110

Frequency 3

Frequency, MHz	700
Attenuation, dB/100ft [dB/100m]	11.1 [36.42]
Power Handling, Watts	75

Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	13.5 [44.29]
Power Handling, Watts	60

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +80
------------------------	------------

Inner Conductor

Number of Strands	19
Material	Copper
Diameter, in [mm]	0.056 [1.42]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8X Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8X](#)

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.



Flexible RG8X Coax Cable Single Shielded
with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8X

Dielectric:

Type	PE (F)
Diameter, in [mm]	0.155 [3.94]

Shield:

Number of	1
Material 1	Copper Braid

Jacket:

Material	PVC (NC)
Diameter, in [mm]	0.242 [6.15]
Color	Black
Weight, lbs/ft [Kg/m]	0.041 [0.06]

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

Flexible RG8X 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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

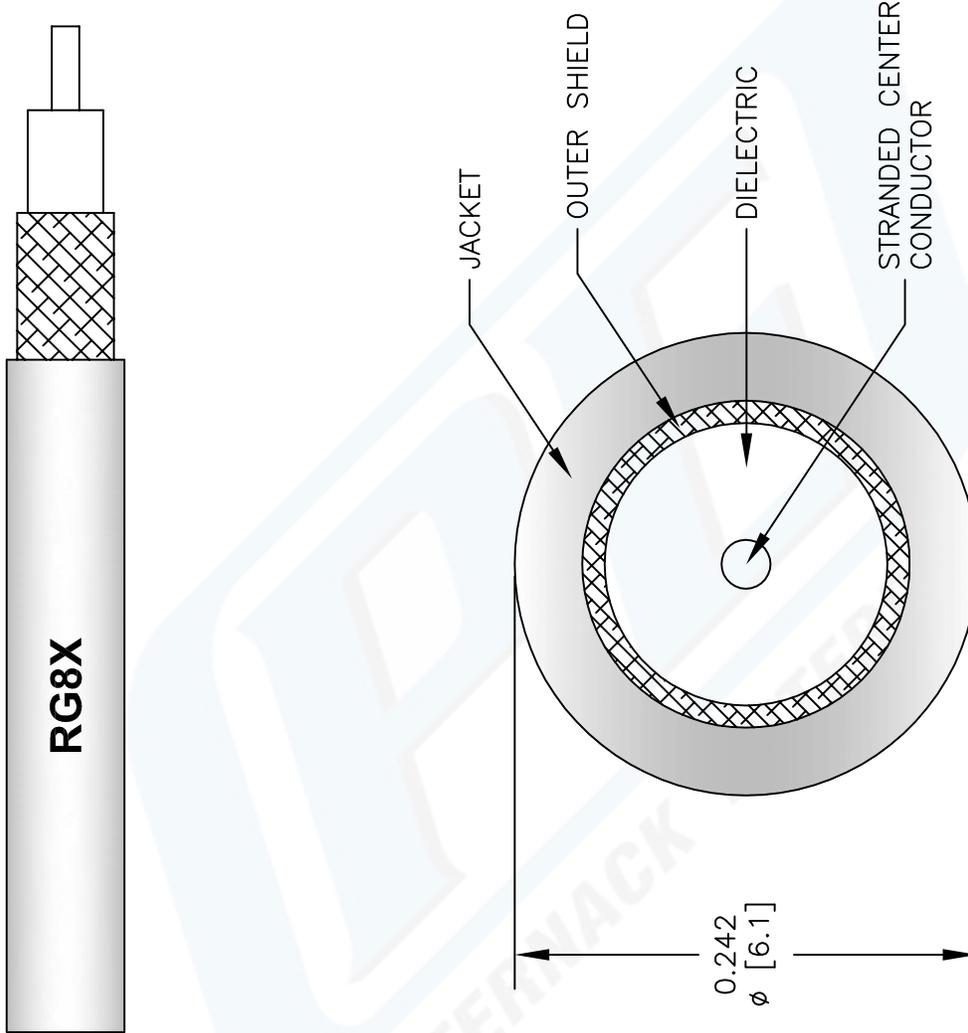
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8X Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8X](#)

URL: <http://www.pasternack.com/flexible-0.242-rg8x-50-ohm-coax-cable-pvc-jacket-rg8x-p.aspx>

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RG8X CAD Drawing

Flexible RG8X Coax Cable Single Shielded with Black PVC (NC) Jacket



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
RG8X

REV. A FSCM NO. 53919
 CAD FILE 040113-A
 SCALE N/A
 SIZE A
 147

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