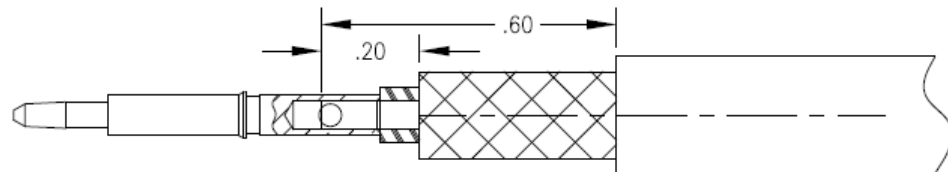
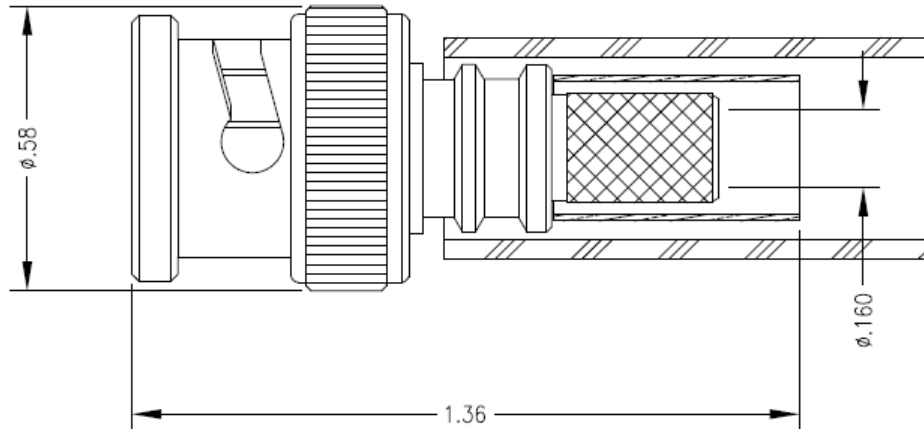


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	9/30/13	J.D.B.	10/11/13
B	CHANGED PER CDC #43314	N.N.N	11/4/15	J.D.B.	12/9/15



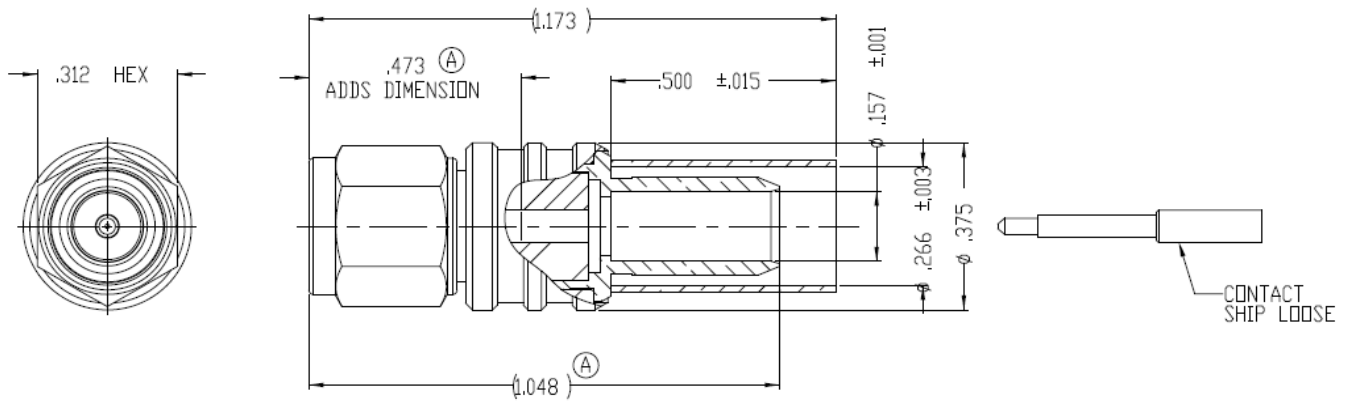
BODY	CONTACT
ALBALOY	GOLD/NI

- | | | |
|--|--|-------------------------------|
| 1.0 PERFORMANCE | 2.0 MATERIALS | |
| 1.1 FREQUENCY RANGE: DC-4 GHz | 2.1 DIELECTRIC: PTFE, REXOLITE | |
| 1.2 NOMINAL IMPEDANCE: 50 OHMS | 2.2 CONTACT: BRASS | |
| 1.3 DWV: 500 VRMS @ 60 Hz (SEA LEVEL) | 2.3 SPRING WASHER: BERYLLIUM COPPER | |
| 1.4 TEMPERATURE RANGE: -65°C TO +165°C | 2.4 CRIMP FERRULE: SOFT COPPER | 3.0 FINISHES: SEE TABLE |
| | 2.5 OTHER METAL PARTS: BRASS | |
| | 2.6 GASKET: SILICONE RUBBER | 4.0 MECHANICAL |
| | 2.7 HEAT SHRINK: POLYOLEFIN THICK WALL | 4.1 INTERFACE PER MIL-STD-348 |

MATL:		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 ± .01 .XXX ± .005 ANGLES ± 1° FRACTIONS ± 1/64		DFTM.	N. N. N		TIMES MICROWAVE SYSTEMS						
				DATE	9/30/13								
USED ON: C				CHKD.	J. D. B.		TC-240-BM-X CONNECTOR ASSEMBLY BNCM for LMR-240						
				DATE	10/11/13								
SCALE: NONE		DWG. SIZE A				APPD.	J. D. B.		SHEET	1 of 1	SD3190-2890	REV	B
						DATE	10/11/13						
		DO NOT SCALE DRAWING		CODE IDENT	68999								

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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	9/4/13	J.D.B.	9/10/13



NOTES:

1. ASSEMBLED CONNECTOR INTERFACE IS DESIGNED IN ACCORDANCE WITH MIL-STD-348

2. MATERIAL:

CLAMP & CONTACT - BRASS PER ASTM B16, C36000 ALLOY, TEMPER H02
 BODY, CNUT - STAINLESS STEEL PER ASTM 582, S30300 ALLOY, COND. A
 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

3. FINISH:

CONTACT - GOLD PLATE PER ASTM B488
 CRIMP SLEEVE - SULFAMATE NICKEL PER MIL-P-27418
 CLAMP - NICKEL PLATE PER AMS-QQ-N-290
 C'NUT & BODY - PASSIVATE PER SAE-AMS-2700

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 9/4/13					
USED ON: A				CHKD. J. D. B.		TC-240-SM-SS-X CONNECTOR ASSEMBLY SMAM for LMR-240			
				DATE 9/10/13					
				APPD. J. D. B.					
SCALE: NONE	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 9/10/13	SHEET 1 of 1	SD3190-2898	REV A		

Low Loss Flexible RG8X Type Coax Cable
Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET

PE-C240

Low Loss Flexible RG8X 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, %	84
Maximum Operating Frequency, GHz	5.8
RF Shielding, dB	90
Capacitance, pF/ft [pF/m]	24.2 [79.4]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	150
Attenuation, dB/100ft [dB/100m]	3.4 [11.15]
Power Handling, Watts	660

Frequency 2

Frequency, MHz	450
Attenuation, dB/100ft [dB/100m]	5.95 [19.52]
Power Handling, Watts	380

Frequency 3

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	8.58 [28.15]
Power Handling, Watts	260

Frequency 4

Frequency, GHz	1.5
Attenuation, dB/100ft [dB/100m]	11.18 [36.68]
Power Handling, Watts	200

Frequency 5

Frequency, GHz	2
Attenuation, dB/100ft [dB/100m]	13 [42.65]
Power Handling, Watts	170

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 RG8X Type Coax Cable Double Shielded with Black PE Jacket PE-C240](#)

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.

Low Loss Flexible RG8X Type Coax Cable
Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET

PE-C240

Frequency 6

Frequency, GHz	2.5
Attenuation, dB/100ft [dB/100m]	14.55 [47.74]
Power Handling, Watts	150

Frequency 7

Frequency, GHz	5.8
Attenuation, dB/100ft [dB/100m]	23 [75.46]
Power Handling, Watts	100

Mechanical Specifications

Temperature

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

Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.057 [1.45]

Dielectric:

Type	PE (F)
Diameter, in [mm]	0.15 [3.81]

Shield:

Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid
Diameter, in [mm]	0.178 [4.52]

Jacket:

Material	PE
Diameter, in [mm]	0.24 [6.1]
Color	Black
One Time Minimum Bend Radius, in [mm]	0.752 [19.1]
Repeated Minimum Bend Radius, in [mm]	2.5 [63.5]
Weight, lbs/ft [Kg/m]	0.033 [0.05]

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

RoHS Compliant	Yes
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Low Loss Flexible RG8X Type Coax Cable
Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET

PE-C240

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Low Loss Flexible RG8X 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.

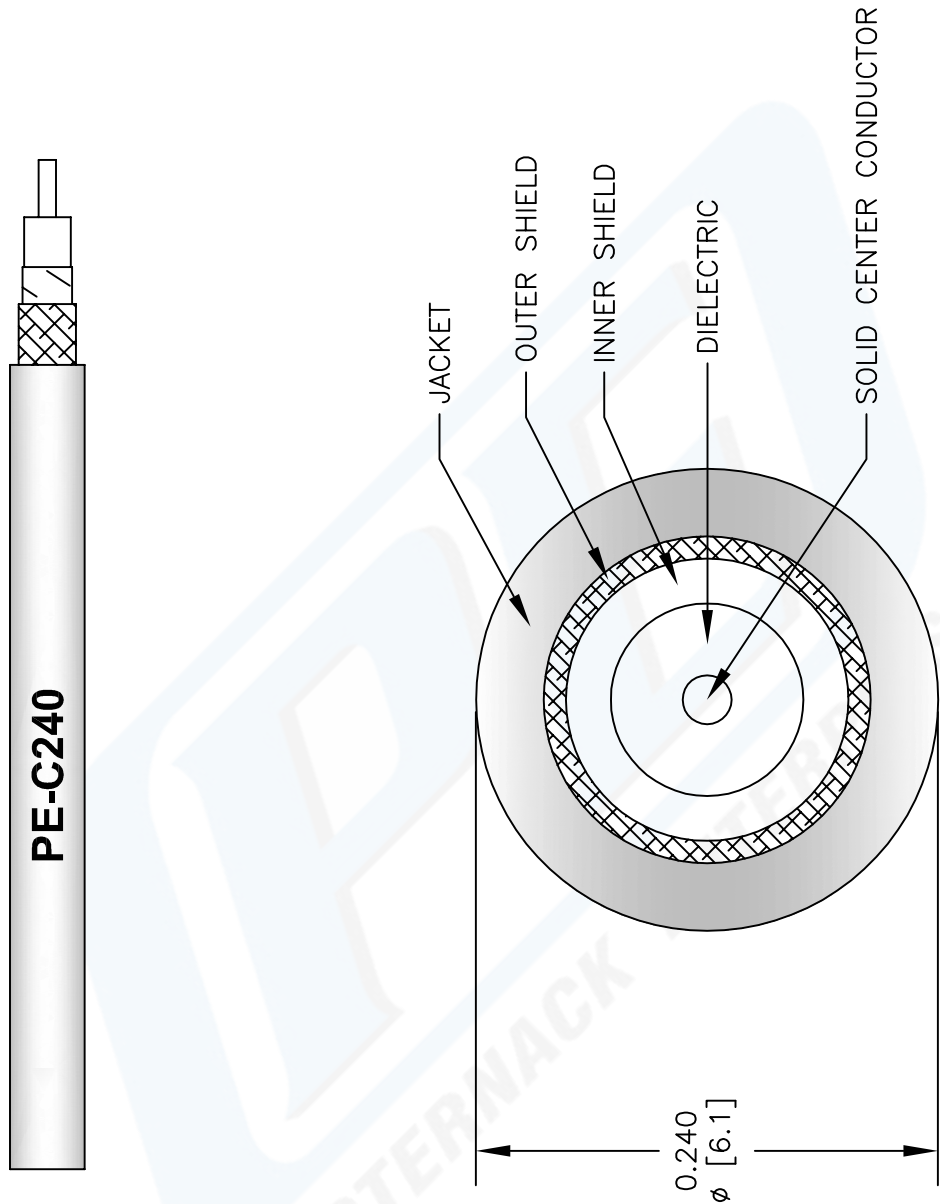
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URL: <http://www.pasternack.com/flexible-0.240-50-ohm-coax-cable-pe-jacket-pe-c240-p.aspx>

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PE-C240 CAD Drawing

Low Loss Flexible RG8X Type Coax Cable Double Shielded with Black PE 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
PE-C240

REV. B	FSCM NO. 53919
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CAD FILE	050709	SCALE	N/A	SIZE	A	147
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