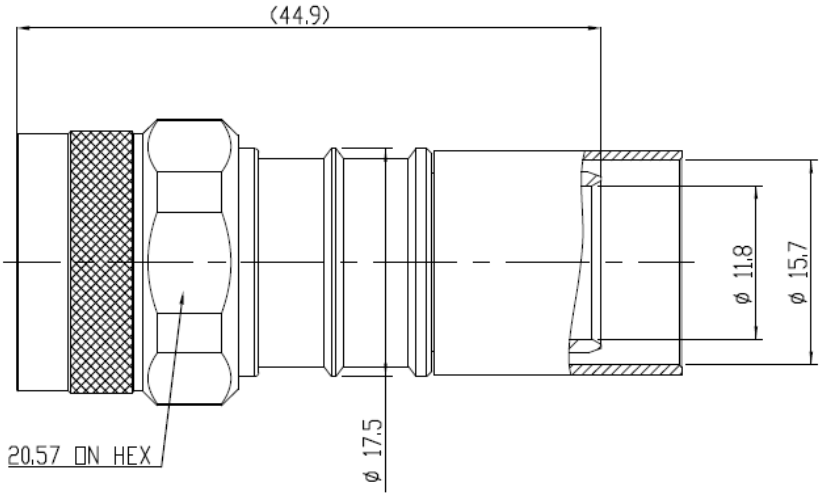
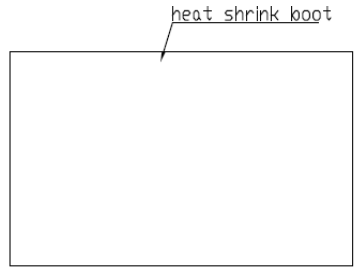
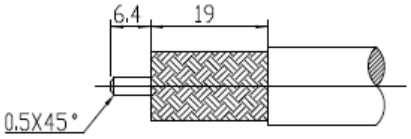
SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	8/9/11	J. D. B.	8/16/11
B	CHANGED PER CDC #36735	N. N. N	4/8/13	J. D. B	4/10/13
C	CHANGED PER CDC #40601	N. N. N	8/26/14	J. D. B	9/10/14





1" diam.X2" long, heavy wall , adhesive lined polyolefin with a 3:1 shrink ratio.



Reference standard IEC60169-16

I、Electric Performance

Nominal Impedance(Ω):	50
Frequency Range:	DC-6GHz
VSWR:	≤1.25
Insert Loss:	≤ 0.1(DC-3GHz)
Insulation resistance (MΩ)	≥5000
Proof voltage (V)	2500
Conductor resistance (mΩ)	outer conductor <0.4 inner conductor <0.8

II、Mechanical Performance

Nut torque	5N.m
(Nut)Whorl pull	500N
Tensile force(cable-connect)	500N
Torsion(cable-connect)	3N.m

III、Material and plating :

Component	Material	Plating
Inner conductor	Beryllium Bronze	Au50 micro inches over nickel 100 over copper
Outer conductor	Brass	Copper-tin-zin 100-150 micro inches
Tube:	copper	Copper-tin-zin 100-150 micro inches
Nut:	Brass	Copper-tin-zin 100-150 micro inches
Gasket:	Silicone rubber	
Insulator:	PTFE	

IV、Environment

Temp.range	-55℃~+155℃
Weather standard	IEC 60068 55 / 155/ 56
Thermal shock	US MIL-STD 202,Meth.107,Cond.B
Vibration	US MIL-STD 202,Meth.204,Cond.B
Shock	US MIL-STD 202,Meth.213,Cond.I
Waterproofing standard	IP67

V、Assembly: inner conductor installed and outer conductor crimped

VI、ROHS Compliant.

MATL: ,	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS .XX ± N/A .XXX ± N/A ANGLES ± 1° FRACTIONS ± N/A	DFTM. D. J. H. DATE 8/9/11 CHKD. J. D. B. DATE 8/16/11 APPD. J. D. B.	TIMES MICROWAVE SYSTEMS **EZ-600-NMH-X** "N" MALE FOR LMR-600 CABLE EZ/CRIMP/NO BRAID TRIM		
USED ON: 1 – 1					
SCALE: N/A	DWG. SIZE A DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 8/16/11	SHT. 1 of 1	SD3190-2627 REV. C

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	8/9/11	J. D. B.	8/16/11
B	CHANGED PER CDC #36735	N. N. N	4/8/13	J. D. B	4/10/13
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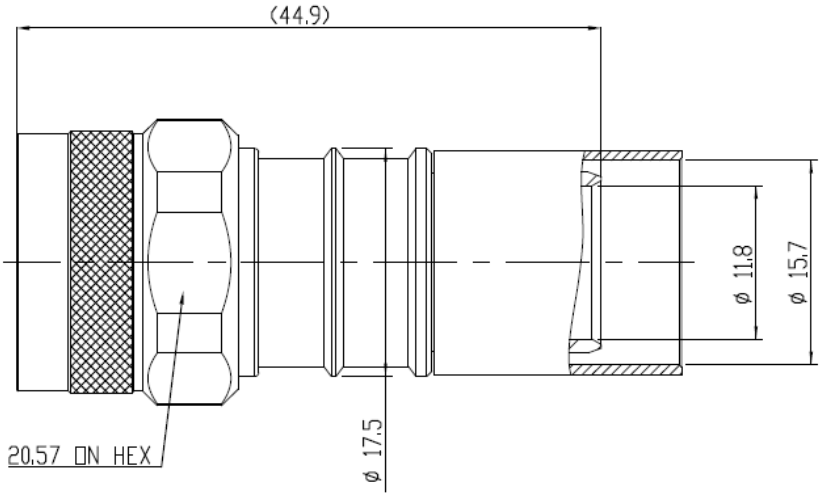

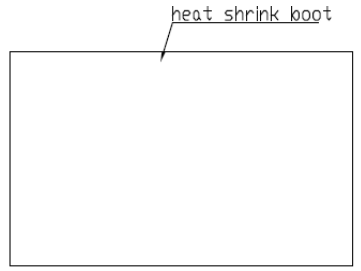

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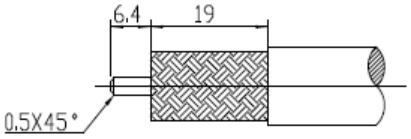

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V、Assembly: inner conductor installed and outer conductor crimped

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USED ON: 1 – 1					
SCALE: N/A	DWG. SIZE A DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 8/16/11	SHT. 1 of 1	SD3190-2627 REV. C

PASTERNACK®
www.pasternack.com

Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET PE-C600

Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

Configuration

Cable Design	Low Loss
Inner Conductor Material and Plating	Copper Clad Aluminum
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, %	87
Maximum Operating Frequency, GHz	5.8
RF Shielding, dB	90
Capacitance, pF/ft [pF/m]	23.4 [76.77]
Jacket Spark, Vrms	5,000
Peak Power, KWatts	40

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	150
Attenuation, dB/100ft [dB/100m]	1 [3.28]
Power Handling, KWatts	2.16

Frequency 2

Frequency, MHz	450
Attenuation, dB/100ft [dB/100m]	1.7 [5.58]
Power Handling, KWatts	1.23

Frequency 3

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	2.5 [8.2]
Power Handling, Watts	840

Frequency 4

Frequency, GHz	1.5
Attenuation, dB/100ft [dB/100m]	3.3 [10.83]
Power Handling, Watts	630

Frequency 5

Frequency, GHz	1.8
Attenuation, dB/100ft [dB/100m]	3.7 [12.14]
Power Handling, Watts	570

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 .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C600

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 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

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Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET PE-C600

Frequency 6

Frequency, GHz	2
Attenuation, dB/100ft [dB/100m]	3.9 [12.8]
Power Handling, Watts	540

Frequency 7

Frequency, GHz	2.5
Attenuation, dB/100ft [dB/100m]	4.4 [14.44]
Power Handling, Watts	480

Frequency 8

Frequency, GHz	5.8
Attenuation, dB/100ft [dB/100m]	7.3 [23.95]
Power Handling, Watts	290

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 Clad Aluminum
Diameter, in [mm]	0.176 [4.47]

Dielectric:

Type	PE (F)
Diameter, in [mm]	0.455 [11.56]

Shield:

Number of	2
Material 1	Aluminum Tape
Material 2	Tinned Copper Braid
Diameter, in [mm]	0.49 [12.45]

Jacket:

Material	PE
Diameter, in [mm]	0.59 [14.99]
Color	Black
Repeated Minimum Bend Radius, in [mm]	6 [152.4]
Weight, lbs/ft [Kg/m]	0.131 [0.19]

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

RoHS Compliant	Yes

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 .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket PE-C600

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Low Loss Flexible .600 inch Foam Dielectric Type Coax Cable Double Shielded with Black PE Jacket

TECHNICAL DATA SHEET PE-C600

Plotted and Other Data

Notes: Values at 25 °C, sea level

URL: http://www.pasternack.com/flexible-0.590-50-ohm-coax-cable-pe-jacket-pe-c600-p.aspx

Low Loss Flexible .600 inch Foam Dielectric 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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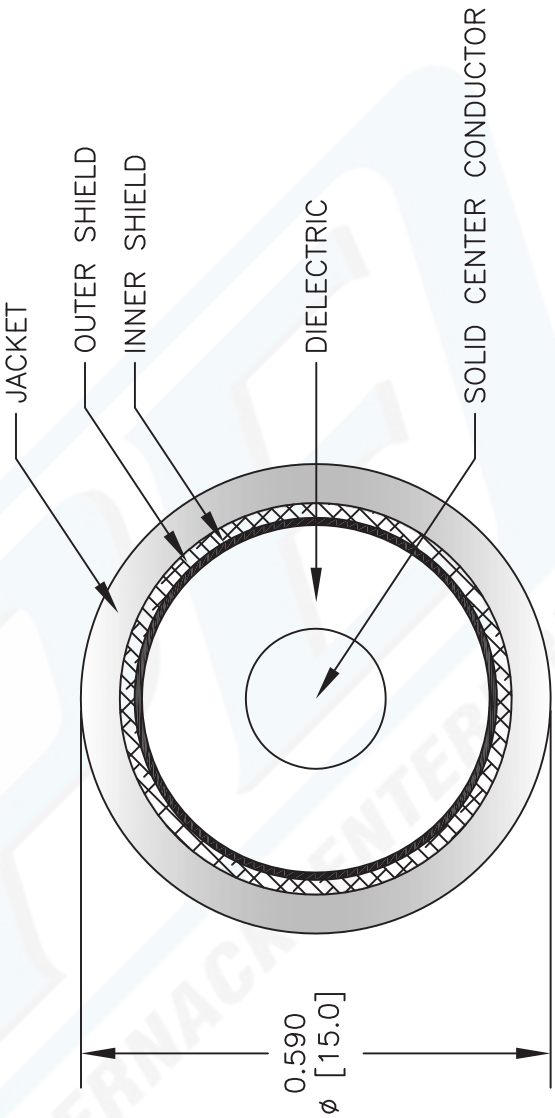
PE-C600 CAD Drawing

Low Loss Flexible .600 inch Foam Dielectric 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].

CAD FILE	SCALE	SIZE
042809	N/A	A

DWG TITLE: **PE-C600**

FSCM NO. 53919

2233

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