

The Industry's Fastest Source for  
RF & Microwave Components

# Tools for Coaxial Products Section Catalog 2011C

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LIMIT**  
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Microwave Parts  
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**PE PASTERNAK®**

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 866-727-8376

# INDEX GUIDE TO Connector Accessories and Tools

See Our Website For Current Stock Availability!

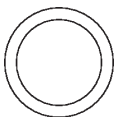
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## SMA Field Replaceable Accessories

### EMI / RFI GASKET

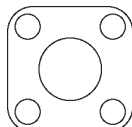
MODEL NO:  
PE1003-1

PRICE PER PACKAGE OF 5  
 1-24\* 25-49\*  
 \$14.25 \$13.25  
 50-99\* 100 +\*  
 \$12.26 \$11.40  
 \*SOLD IN PACKS OF 5 PCS.



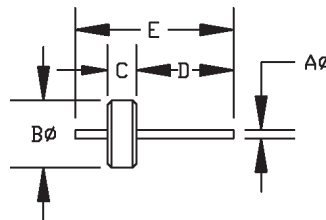
MODEL NO:  
PE1003-2

PRICE  
 1-24 25-49  
 \$10.90 \$10.14  
 50-99 100 +  
 \$9.37 \$8.72  
 SOLD INDIVIDUALLY



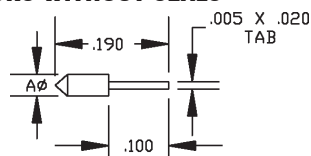
MOUNTING HOLE  
A01

### SOLDER-IN HERMETIC FEEDTHRU'S



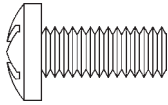
### FIELD REPLACEABLE CONTACTS FOR USE WITH CONNECTORS WITHOUT SEALS

Model No:	DIMENSION A
PE1002-1	.020
PE1002-2	.036



PRICE PER PACKAGE OF 5  
 1-24 PACKS\* 25-49 PACKS\* 50-99 PACKS\* 100 + PACKS\*  
 \$14.25 \$13.25 \$12.26 \$11.40  
 \*SOLD IN PACKS OF 5 PCS.

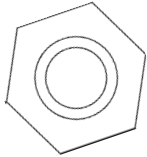
Model No:	DIMENSIONS					PRICE PER PACKAGE OF 5 *SOLD IN PACKS OF 5 PCS.			
	A	B	C	D	E	1-24	25-49	50-99	100 +
PE1001-1	.012	.100	.063	.180	.315	\$15.50	\$14.42	\$13.33	\$12.40
PE1001-2	.015	.100	.063	.180	.315	16.75	15.58	14.41	13.40
PE1001-3	.018	.112	.063	.180	.315	15.50	14.42	13.33	12.40
PE1001-4	.020	.158	.069	.070	.220	17.00	15.81	14.62	13.60
PE1001-5	.020	.158	.069	.229	.375	16.75	15.58	14.41	13.40
PE1001-6	.012	.076	.055	.041	.125	18.75	17.44	16.13	15.00
PE1001-7	.009	.068	.055	.031	.112	19.25	17.90	16.56	15.40



# SCREWS

100 PIECES PER PACKAGE  
PRICE PER PACKAGE

Model No.	THREAD SIZE	HEAD TYPE	LENGTH INCHES	MATERIAL	1-24	25-49
PE1004-1	3-56	PHILLIPS	1/4"	STAINLESS STEEL	\$23.20	\$21.58
PE1004-2	3-56	PHILLIPS	3/8"	STAINLESS STEEL	23.20	21.58
PE1004-3	3-56	PHILLIPS	1/2"	STAINLESS STEEL	23.20	21.58
PE1005-1	4-40	PHILLIPS	1/4"	STAINLESS STEEL	23.20	21.58
PE1005-2	4-40	PHILLIPS	3/8"	STAINLESS STEEL	23.20	21.58
PE1005-3	4-40	PHILLIPS	1/2"	STAINLESS STEEL	23.20	21.58
PE1006-1	4-40	PHILLIPS	1/4"	ZINC PLATED	23.20	21.58
PE1006-2	4-40	PHILLIPS	3/8"	ZINC PLATED	23.20	21.58
PE1006-3	4-40	PHILLIPS	1/2"	ZINC PLATED	23.20	21.58



# NUTS

100 PIECES PER PACKAGE  
PRICE PER PACKAGE

Model No.	THREAD SIZE	MATERIAL	1-24	25-49
PE1007	3-56	STAINLESS STEEL	\$14.50	\$13.49
PE1008	4-40	STAINLESS STEEL	14.50	13.49
PE1009	4-40	ZINC PLATED	13.25	12.32

# COAXIAL CABLE CUTTING TOOL



MODEL NO.	P R I C E			
	1-24	25-49	50-99	100 +
PE5200	\$68.50	\$63.71	\$58.91	\$54.80

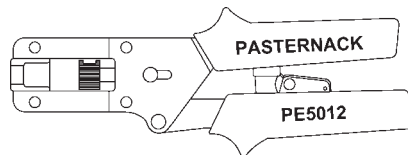
HEAVY DUTY TOOL SPECIFICALLY DESIGNED FOR CUTTING COAXIAL CABLE

# PRESET TORQUE WRENCHES



Model No.	DESCRIPTION	PRESET TORQUE	HEX SIZE	P R I C E			
				1-24	25-49	50-99	100 +
PE5011-1	SMA/2.92mm/3.5mm	8 IN. LBS	5/16	\$163.90	\$152.43	\$140.95	\$131.12
PE5011-2	SMC	3 IN. LBS	1/4	232.35	216.09	199.82	185.88
PE5011-3	7mm	14 IN. LBS	3/4	259.35	241.20	223.04	207.48
PE5011-4	TNC	14 IN. LBS	5/8	232.35	216.09	199.82	185.88
PE5011-5	SSMA	8 IN. LBS	1/4	232.35	216.09	199.82	185.88
PE5011-6	N/SC	14 IN. LBS	13/16	252.25	234.59	216.94	201.80
PE5011-7	N	14 IN. LBS	20mm	221.80	206.27	190.75	177.44

# COAXIAL COMPRESSION TOOL



Model No.	DESCRIPTION	P R I C E			
		1-24	25-49	50-99	100 +
PE5012	RG6, RG11 & RG59 COMPRESSION CONNECTORS	\$111.10	\$103.32	\$95.55	\$88.88

# BNC INSERTION & EXTRACTION TOOL



Model No.	DESCRIPTION	P R I C E			
		1-24	25-49	50-99	100 +
PE5014	BNC INSERTION & EXTRACTION TOOL	\$42.40	\$39.43	\$36.46	\$33.92

See Our Website For Current Stock Availability!

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& TOOLS



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Levels & Pricing  
On Our WebSite



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Support  
(866) 727-8376

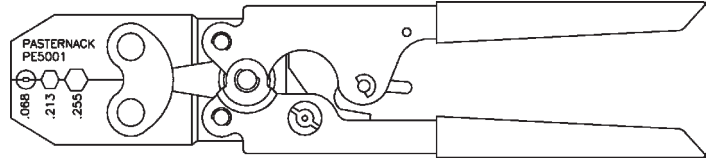


Same-Day Shipping,  
Even Custom  
Cable Assemblies

251

# COAXIAL CRIMPING TOOLS

THESE RATCHET CONTROLLED CRIMP TOOLS ARE DESIGNED TO PROVIDE CONSISTENT, RELIABLE HEX CRIMP TERMINATIONS TO INDUSTRY SPECIFICATIONS ON A WIDE RANGE OF COAX CONNECTORS. A UNIQUE RATCHET RELEASE MECHANISM IS PROVIDED TO ALLOW REMOVAL OF AN INCORRECTLY PLACED CONNECTOR OR CRIMP RING PRIOR TO COMPLETING THE CRIMP CYCLE.



P R I C E			
1-24	25-49	50-99	100 +
\$105.25	\$97.88	\$90.52	\$84.20

Model No.	FOR CABLE SERIES	HEX CAVITY SIZES			
PE5001	RG55, RG58, RG59, RG62, RG142, RG223 & RG400	.068	.213	.255	
PE5006	RG174, RG179, RG180, RG187, RG188, RG195 & RG316	.068	.100	.128	.178
PE5007	RG9, RG11, RG87A, RG149, RG165, RG213, RG214, RG216, RG225 & RG393	.100	.429		

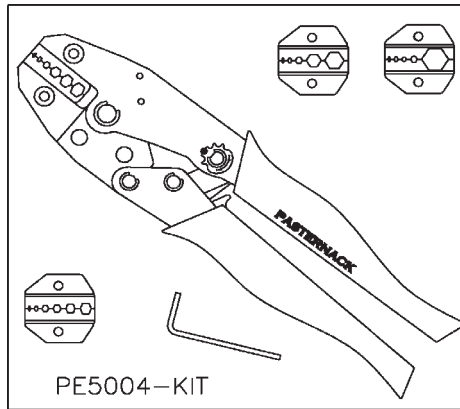
See Our Website For Current Stock Availability!

Model No. PE5004-KIT

FULL CYCLE INTERCHANGEABLE DIE CRIMPING TOOL. COMPLETE KIT IN STORAGE CASE.

P R I C E			
1-24	25-49	50-99	100 +
\$279.75	\$260.17	\$240.59	\$223.80

THIS KIT CONTAINS DIES HAVING THE FOLLOWING HEX SIZES: .042, .068, .080, .100, .128, .151, .178, .213, .255, .324 & .429



THIS CRIMPING TOOL KIT CONSISTS OF A FULL CYCLE, RATCHET CONTROLLED CRIMP TOOL FRAME, 4 INTERCHANGEABLE SETS OF DIES AND A STORAGE CASE.

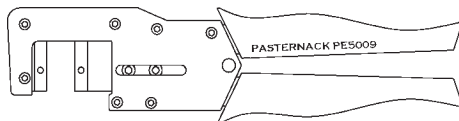
CRIMPS COAXIAL CONNECTORS ON THE FOLLOWING SERIES OF COAXIAL CABLE: RG5, RG6, RG8, RG9, RG11, RG21, RG55, RG58, RG59, RG62, RG87A, RG140, RG141, RG142, RG143, RG165, RG174, RG179, RG180, RG187, RG188, RG195, RG210, RG212, RG213, RG214, RG216, RG222, RG223, RG225, RG303, RG304, RG316, RG393 & RG400

## PRODUCTION GRADE CRIMPING TOOLS



SCISSOR  
PE5008  
PRICE  
\$116.15

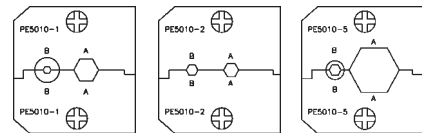
STRAIGHT  
PE5009  
PRICE  
\$145.25



### SPECIFICATIONS:

THESE RATCHET CONTROLLED TOOLS ARE DESIGNED TO PROVIDE CONSISTENT, RELIABLE HEX CRIMP TERMINATIONS TO INDUSTRY SPECIFICATIONS. THESE TOOLS ARE MADE OF FORGED STEEL TO HANDLE YEARS OF PRODUCTION. DIES MUST BE PURCHASED SEPARATELY. \*(SEE RIGHT)\*

### \*INTERCHANGEABLE DIES\*



PRICE: \$91.80

MODEL NO.	HEX A	LENGTH A	HEX B	LENGTH B
PE5010-1	.213	.400	.068	.093
PE5010-2	.128	.325	.100	.325
PE5010-3	.255	.400	.068	.093
PE5010-4	.178	.400	.068	.093
PE5010-5	.429	.400	.100	.120
PE5010-6	.314	.400	.151	.400

THESE DIES ARE HEAT-TREATED, NICKEL-PLATED STEEL. NO ADJUSTMENT IS REQUIRED WHEN CHANGING DIES. SETUP IS QUICK.

# MAILING LIST CHANGES

If you receive more than one catalog with the same name and address, please notify Pasternack and pass the catalog along to a friend. Also, if you do not require multiple copies to the same company address, contact a sales representative to verify and modify your mailing information. A forms-based communications method to add, delete or modify mailing information is available at [www.pasternack.com](http://www.pasternack.com). By clicking "Contact Us", and then clicking "Remove Name from Mailing List", you may complete the form to request a change to your mailing preferences. In addition, by clicking "Catalog", and then clicking "Request a Printed Catalog", you may add your contact information to our mailing list. Please note service opt-in and opt-out options located on the forms. Alternatively, you may mail, email, telephone or fax Pasternack your request.

## PLACING YOUR ORDER

► **By Telephone: 866-PASTERNAK (866-727-8376)  
US & Canada, or 949-261-1920**

Our friendly sales representatives are ready to serve you from 5:00am to 5:30pm Pacific Standard Time (PST), Monday through Friday. For the most efficient service, please have ready a list of quantities and part numbers and, if paying by credit card, your MasterCard, VISA, American Express or Discover card. Note: Calls may be recorded or monitored for quality and training purposes.

► **By Fax: 949-261-7451**

Our fax lines can be accessed 7 days a week, 24 hours a day. Orders received after 4:00pm PST will be promptly processed and shipped the next business day. Please include your daytime phone number and/or email address in case we have any questions about your order.

► **By Internet: [www.Pasternack.com](http://www.Pasternack.com)  
or Email: [sales@pasternack.com](mailto:sales@pasternack.com)**

Order online 7 days a week, 24 hours a day using our online ordering system. Just search for the items you want and add them to your shopping cart. Internet orders entered after 4:00 pm PST will be promptly processed and shipped the next business day.

► **By Mail: Simply Mail Your Order To:  
Pasternack Enterprises, Inc.  
17802 Fitch  
PO Box 16759  
Irvine, CA 92623-6759 USA**

International customers, please see "International Orders" below for additional information.

### Terms and Conditions of Sale:

The following from Pasternack's Binding Terms and Conditions of Sale are provided for your convenience. A complete documentation of the Binding Terms and Conditions of Sale may be found in the back of the catalog, or on Pasternack's website at <http://www.pasternack.com/TermsOfSale.aspx>. Any questions or clarifications may be answered by contacting Customer Service at (+1) 949-261-1920 or by any of the methods listed above.

### Minimum Order:

A minimum order of \$50.00 is required. There is no minimum line item required.

### Handling Charge:

A \$10.00 handling charge applies to all orders less than \$100.00. This fee will be waived on orders of \$100.00 or more.

### Ground Freight is Free:

On UPS Ground orders, there is no charge for shipping for USA & Canada orders of \$100.00 or greater. Otherwise, shipping or freight charges and insurance will be paid by the customer. All sales are made FOB Point (as defined by the INCOTERMS 2000) in Irvine, CA USA. Shipping or freight charges from Pasternack's Irvine, CA factory are prepaid and added to the invoice or billed collect.

### Same-Day Shipment:

Same-day shipment will apply to orders received Monday through Friday, prior to 4:00pm PST.

- All UPS air and surface options
- All FedEx air options (with an approved account number)
- Most other shipping options, including DHL (with an approved account number) and USPS

### Counter-to-Counter Shipping:

For your urgent order requiring our fastest shipping method, we will place your order on the next available flight from Santa Ana-Orange County John Wayne International Airport (Airport code: SNA) to the destination you specify. Please call for details.

### Payment Terms:

Pasternack offers a number of convenient payment methods:

**For United States customers**, we offer check, money order, MasterCard, VISA, American Express, Discover, and C.O.D. as well as open account credit to qualified institutions and businesses. Payment must be made in US Dollars.

**For Canadian customers**, we offer all of the above payment options except C.O.D.  
**For International customers**, see International Orders.

### Open Account Credit:

Net 30 Days terms are available to businesses, schools and agencies subject to credit approval. Approval can begin by submitting a completed Credit Application, which can be found in the back of the catalog or online at: [www.Pasternack.com/CreditApplication.aspx](http://www.Pasternack.com/CreditApplication.aspx)

### EFT/Wire Transfers:

Please contact us for details. We will inform you of the total amount which will include shipping charges and any applicable wire transfer fees. Orders will not be accepted until funds have been received in full.

U.S. BANK  
535 Westminster Mall 1st Floor  
Westminster, CA 92683 USA  
Account Number: 165717456033  
Routing Number: 122235821  
SWIFT Number: USBKUS44IMT

### International Orders:

In addition to the United States and its territories, Pasternack accepts international orders. All orders of international origin are exported from the US in accordance with the Export Administration Regulations. Diversion contrary to US Law is prohibited. Please see Pasternack's Binding Terms and Conditions of Sale for full details.

Pasternack has international distributors for the following countries:  
Asia: Australia, China PRC, Indonesia, Japan, Korea, Malaysia, New Zealand, Singapore, Taiwan, Thailand  
Europe: Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, Norway, Slovakia, Sweden, Switzerland, Turkey, United Kingdom  
Middle East: Israel

To access their complete contact information, please see our International Distributors section in this catalog.

### International Shipping Charges:

Shipping or freight charges and insurance will be paid by the customer. All sales are made FOB Point (as defined by the INCOTERMS 2000) in Irvine, CA USA. We ship orders by UPS, FedEx (with an approved account number), or DHL (with approved account number) with delivery in 2 to 3 days to most locations worldwide.

### International Taxes and Duties:

Customer is responsible for duties and taxes.

# PASTERNAK ENTERPRISES RoHS COMPLIANCE PROGRAM

Lead-free solder is now available for all cable assemblies upon request or online at [www.Pasternack.com](http://www.Pasternack.com).

## What is RoHS Compliance?

The European Union set forth the RoHS (Restriction of Hazardous Substances) Directive to establish environmental guidelines and legislation to reduce the presence of six (6) materials deemed hazardous to the environment. To comply, products entering the EU must not have a homogeneous presence of these materials above the following levels by weight percentage:

- Lead (Pb) < 0.1%
- Mercury (Hg) < 0.1%
- Cadmium (Cd) < 0.01%
- Hexavalent Chromium (CrVI) < 0.1%
- Polybrominated Biphenyls (PBB) < 0.1%
- Polybrominated Diphenyl Esters (PBDE) < 0.1%

At Pasternack, we recognize our responsibility as a supplier of coax connectors, cable assemblies, and components used within electronic-based systems and products that are targeted for RoHS compliance. We are fully committed to offering RoHS compliance on the majority of our products. We have completed a comprehensive evaluation and analysis program both internally and with our suppliers to establish and publish RoHS compliant statements for our products on our website.

## Determining Pasternack RoHS Compliance

To determine if the product in our catalog is RoHS Compliant, please first refer to our website at [www.Pasternack.com](http://www.Pasternack.com). For each part, we show an indicator of compliance using this symbol:



All products displaying this symbol on our website have been certified as RoHS Compliant. Click on this symbol to view the Certificate of RoHS Compliance for this product.

We recognize that you may have specific questions regarding RoHS certification on Pasternack's components and products. We will be happy to process all such requests as quickly as possible. Please direct any such requests to Pasternack Enterprises Technical Support via email at [TechSupport@Pasternack.com](mailto:TechSupport@Pasternack.com) or by calling Toll-Free within North America at 1-866-PASTERNAK (866-727-8376). International customers, please use +1-949-261-1920.

## Methods Determining RoHS Compliance

RoHS Compliance is determined by a combination of supplier certification and engineering design verification. In most cases, Pasternack's products were determined to be RoHS Compliant. In many cases, the Compliance was through a stated Exemption to the RoHS Directive. As a supplier of coaxial connectors, adapters, and RF components, Pasternack uses materials such as Brass and Stainless Steel which contain lead as a percentage of weight above the 0.1% threshold, but are allowed through the Exemptions as of the October 21<sup>st</sup>, 2005 RoHS Directive amendment. Pasternack uses these Exemptions to the RoHS Directive where applicable.

## What are the Exemptions?

*RoHS Directive text as of the Oct 21<sup>st</sup>, 2005 amendment is underlined, and how it applies to Pasternack products is indicated below each Exemption.*

### ANNEX to ROHS DIRECTIVE 2002/95/EC

**"Applications of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) which are exempted from the requirements of Article 4(1)":**

5. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.

Some Pasternack products use resistive and/or dielectric inks that contain lead in a glass phase and fall under this exemption 5.

6. Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminum containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.

Most Pasternack products use metal alloys that contain lead below the maximum concentration values specified under this exemption 6. Specifically: aluminum alloys, brass, stainless steel, beryllium copper and phosphor bronze.

7. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunications.

All Pasternack coaxial cable assemblies are made using solder containing lead (unless lead-free solder is specified), and may be used in network infrastructure equipment and therefore would fall under this exemption 7. This exemption is application specific, however, and we therefore leave it up to our customer to determine whether this exemption applies to their application.

**Pasternack has loaded new part numbers for cable assemblies using lead-free solder on our website, using the format PE3xxxLF-yy, where "xxx" identifies the part using the existing corresponding item number, and "yy" identifies the length in inches. For example, PE3067LF-24 is the same as PE3067-24 (BNC Male to BNC Male, RG58C/U), except it uses lead-free solder to be fully ROHS Compliant.**



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TELEPHONE: (949) 261-1920 FAX: (949) 261-7451

## CREDIT APPLICATION

**PASTERNAK ENTERPRISES®**

APPLICATION **MUST BE COMPLETELY** FILLED OUT AND SIGNED BY AN OWNER, PARTNER OR CORPORATE OFFICER TO BE CONSIDERED FOR CREDIT!

COMPANY NAME: \_\_\_\_\_ WEBSITE: \_\_\_\_\_ DUNS # \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_ FAX: \_\_\_\_\_  
 TYPE OF BUSINESS: \_\_Corporation \_\_LLC \_\_LLP \_\_Partnership \_\_Sole Proprietorship DATE OF INCORPORATION / ORGANIZATION: \_\_\_\_\_ AND STATE: \_\_\_\_  
 CREDIT LIMIT REQUESTED: \_\_\_\_\_ GROSS SALES FOR LAST 12 MONTHS: \_\_\_\_\_ NUMBER OF EMPLOYEES: \_\_\_\_\_  
 BRIEF DESCRIPTION OF BUSINESS: \_\_\_\_\_

**OWNER, PARTNER OR CORPORATE OFFICERS:**

PRESIDENT / OWNER: \_\_\_\_\_ TITLE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_  
 VP FINANCE / CFO: \_\_\_\_\_ TITLE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

**BANK REFERENCE:**

NAME: \_\_\_\_\_ BRANCH: \_\_\_\_\_ ACCOUNT NUMBER: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
 OFFICER TO CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

**TRADE REFERENCES FROM THE USA PREFERRED. PLEASE GIVE ZIP CODES AND LIST ACCOUNT AND FAX NUMBERS:**

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ FAX: \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ ACCT. # \_\_\_\_\_  
 CONTACT NAME: \_\_\_\_\_ EMAIL: \_\_\_\_\_

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ FAX: \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ ACCT. # \_\_\_\_\_  
 CONTACT NAME: \_\_\_\_\_ EMAIL: \_\_\_\_\_

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ FAX: \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_ ACCT. # \_\_\_\_\_  
 CONTACT NAME: \_\_\_\_\_ EMAIL: \_\_\_\_\_

**IN CONSIDERATION OF PASTERNAK ENTERPRISES, INC. GRANTING CREDIT, WE AGREE TO THE FOLLOWING:**

- 1) WE WILL PAY ALL INVOICES IN ACCORDANCE WITH PASTERNAK ENTERPRISES, INC.'S STANDARD TERMS AND CONDITIONS IN EFFECT. WE SPECIALLY AGREE TO PAY INTEREST AT THE GREATER OF 1.5% PER MONTH OR THE MAXIMUM RATE ALLOWED BY LAW ON ALL UNPAID INVOICES AFTER THIRTY (30) DAYS FROM THE INVOICE DATE.
- 2) WE DO ACCEPT PASTERNAK ENTERPRISES, INC.'S STANDARD TERMS AND CONDITIONS OF SALE, REGARDLESS OF ANY TERMS AND CONDITIONS SHOWN ON OUR PURCHASE ORDERS.
- 3) SHOULD THIS ACCOUNT EVER BECOME DELINQUENT AND IT BE NECESSARY TO EMPLOY AN ATTORNEY TO COLLECT OR COMMENCE SUIT TO ENFORCE PAYMENT, WE AGREE TO PAY A REASONABLE ADDITIONAL SUM AS ATTORNEY'S FEES AND TO PAY COSTS OF SUCH SUIT.
- 4) IT IS EXPRESSLY AGREED THAT ALL OBLIGATIONS OF THE PARTIES CREATED HEREIN ARE TO BE PERFORMED IN IRVINE (ORANGE COUNTY), CALIFORNIA, U.S.A. AND THAT THE COURTS OF ORANGE COUNTY, CALIFORNIA HAVE JURISDICTION OVER ANY ACTION TO ENFORCE COLLECTION OF THIS ACCOUNT.

OWNER, PARTNER OR CORPORATE OFFICER'S NAME \_\_\_\_\_ TITLE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

# BINDING TERMS AND CONDITIONS OF SALE

The following are the terms and conditions ("Terms and Conditions") for the sale of products ("Products") by Pasternack Enterprises, Inc. ("Pasternack") to Pasternack's customers ("Customers"). Please read this agreement carefully. Any different or additional terms set forth in customer's purchase order or similar communication are objected to and shall not be binding on the company unless a separate agreement has been signed by an authorized officer of the company. By placing an order for products from the company, or by accepting delivery of the products described on the applicable packing slip, bill of lading and/or invoice received with the products, you agree to be bound by and accept these terms and conditions of sale.

## 1. ACCEPTANCE AND CANCELLATION OF ORDERS

All orders are subject to acceptance by Pasternack in writing by a duly authorized agent of Pasternack; any written acknowledgement of receipt of an order shall not, in and of itself, constitute such acceptance. Orders accepted and processed by Pasternack may not be cancelled by Customer except as covered by the Limited Warranty, all sales are final. Cable Assemblies and Non-Standard Products are also Non-Cancelable/Non-Refundable ("NC/NR"). Non-Standard Parts are defined as Products which are special orders, custom orders, orders for non-standard products, products not customarily in stock or orders for value-added products. In the event of cancellation or other withdrawal of an order for any reason and without limiting any other remedy which Pasternack may have as a result of such cancellation or other withdrawal, reasonable cancellation or restocking charges, which shall include all expenses then incurred and commitments made by Pasternack, shall be paid by Customer to Pasternack. Customer requests to reschedule are subject to acceptance by Pasternack in its sole discretion. Orders may not be rescheduled after the order has been submitted by Pasternack to the shipment carrier.

## 2. PRICES

Orders are billed at the prices (in US dollars) in effect at the time of shipment. Prices will be as specified by Pasternack and will be applicable for the period specified in Pasternack's quote. If no period is specified, quoted prices will be applicable for thirty (30) days. The catalog reflects the latest pricing information available at the time of printing. Prices shown in the catalog are subject to change without notice. Prices are subject to change in the event of a change in Pasternack's costs or other circumstances beyond Pasternack's reasonable control. Prices are exclusive of taxes, impositions and other charges, including: sales, use, excise, value added and similar taxes or charges imposed by any government authority, international shipping charges, forwarding agent's and broker's fees, bank fees, consular fees, document fees and import duties.

## 3. TERMS OF PAYMENT

All payments must be in US Dollars, or will be converted to US Dollars using the available exchange rate at the time of purchase.

Credit cards accepted are MasterCard, VISA, Discover, and American Express credit cards, purchase cards and major bank debit cards. Payment via net thirty (30) days is available to businesses, schools and agencies or as otherwise specified by Pasternack subject to approved credit.

### For International Orders

Credit cards accepted are MasterCard, VISA, and American Express. Payment via open credit account with Net thirty (30) days can be established for companies having three U.S. references. Prepaid Wire Transfer: You can wire the funds to our bank. We will contact you with the total amount which will include shipping charges and a \$40 wire transfer fee. Orders will not be accepted until funds have been received in full and Purchase Order (PO) has been received. Customer is responsible for duties and taxes.

## 4. SALES TAX

Only California residents need to remit sales tax. Pasternack does not remit sales tax to states other than California. Any sales tax due that is not collected by Pasternack is the responsibility of the customer.

## 5. TOLERANCES

All coaxial cable assemblies displayed in the Pasternack catalog and website have a standard cable length tolerance of  $\pm 1.5\%$  or  $\frac{3}{16}$  inches (0.375"), whichever is greater. Cable Assemblies in excess of this tolerance factor are eligible for repair and / or replacement under the terms of the Pasternack Limited Warranty.

## 6. DELIVERY AND TITLE

Shipping or freight charges and insurance will be paid by the customer. All sales are made FCA Shipping Point (as defined by the INCOTERMS 2000) in Irvine, CA USA. Shipping or freight charges from Pasternack's Irvine, CA facility are prepaid and added to the invoice, or billed collect. Subject to Pasternack's right of stoppage in transit, delivery of the Products to the carrier will constitute delivery to Customer and title and risk of loss will pass to Customer. Pasternack will make reasonable efforts to initiate shipment and schedule delivery as close as possible to Customer's requested delivery date(s). Customer acknowledges that delivery dates provided by Pasternack are estimates only and that Pasternack will not be liable for failure to deliver on such dates. Selection of the carrier and delivery route will be made by Pasternack unless specifically designated by Customer. Pasternack reserves the right to make deliveries in installments. Delay in delivery of one installment will not entitle Customer to cancel any other installment(s). Delivery of any installment of Products within thirty (30) days after the date requested will constitute a timely delivery. Delivery of a quantity which varies from the quantity specified shall not relieve Customer of the obligation to accept delivery and pay for the Products delivered.

## 7. PASTERNAK'S LIMITED WARRANTY

All products are covered by a LIMITED WARRANTY for a period of ninety (90) days from the date of shipment when purchased from Pasternack Enterprises, Inc. Customer must notify Pasternack within 90 days from date of shipment of any defective product. An approved Return Materials Authorization (RMA) number must first be obtained from Pasternack prior to the return of any merchandise to Pasternack for inspection under warranty. Shipping charges for all materials returned under this Limited Warranty are to be prepaid by the Customer. This warranty is limited to the original purchaser. Pasternack's liability arising out of any sale of products to Customer is expressly limited to either (1) Credit for the purchase price paid by Customer for such products (without interest), or (2) Repair and/or replacement of such products, found to be defective after inspection by Pasternack, and such remedies shall be exclusive and in lieu of all others. This warranty is in lieu of any and all other warranties, whether oral, written, expressed, implied or statutory. Further, no warranty will apply if the Product has been subject to misuse, neglect, accident or modification, or has been soldered or altered in any way.

All returns must be shipped to: Pasternack Enterprises, Inc.  
17802 Fitch  
Irvine, CA 92614 USA

## 8. LIMITATION OF LIABILITIES

In no event shall Pasternack be liable for any special, incidental or consequential damages of any nature including, but not limited to, damages resulting from loss of profit or revenue, recall costs, claims for service interruptions or failure to supply downtime, testing, installations or removal costs, costs of substitute products, property damage, personal injury, death or legal expenses. Customer's recovery from Pasternack for any claim shall not exceed the purchase price paid by Customer for the goods, irrespective of the nature of the claim, whether in warrant, contract or otherwise. CUSTOMER SHALL INDEMNIFY, DEFEND AND HOLD PASTERNAK HARMLESS FROM ANY CLAIMS brought by any party regarding products supplied by Pasternack and incorporated into the customer's product.

## 9. STATEMENTS AND ADVICE

If statements or advice, technical or otherwise, are offered or given to Customer, such statements or advice will be deemed to be given as an accommodation to Customer and without charge and Pasternack shall have no responsibility or liability for the content or use of such statements or advice.

## 10. EXPORT CONTROL

Products purchased or received under these Terms and Conditions are subject to export control laws, restrictions, regulations and orders of the United States. Customer agrees to comply with all applicable export laws, restrictions and regulations of the United States or foreign agencies or authorities, and shall not export, or transfer for the purpose of re-export, any product to any prohibited or embargoed country, including but not limited to The Balkans, Belarus, Burma, Cote d'Ivoire, Cuba, the Democratic Republic of the Congo, Iran, Iraq, North Korea, Sudan, Syria, and Zimbabwe, or to any denied, blocked, or designated person or entity as mentioned in any such United States or foreign law or regulation. Customer represents and warrants that it is not on the Denied Persons, Specially Designated Nationals or Debarred Persons List (as identified by the U.S. Treasury Office of Foreign Asset Control (OFAC) and by the U.S. Department of Commerce, Bureau of Industry and Security (BIS)), or any other United States or other government list of prohibited persons; and otherwise prohibited by United States or other law from purchasing the products or services hereunder. Customer shall be solely responsible to obtain any license to export, re-export or import as may be required.

## 11. GENERAL

The Terms and Conditions may not be modified or cancelled without Pasternack's written agreement. Accordingly goods furnished and services rendered by Pasternack are sold only on the terms and conditions stated herein. The Terms and Conditions will be governed by and construed in accordance with the laws of the State of California and the applicable laws of the United States of America. If Customer chooses to access the Pasternack Web Site from outside the United States, Customer does so on their own initiative and is responsible for compliance with all applicable local laws.

## 12. INTELLECTUAL PROPERTY

The drawings, text, product depictions, logos, content, product descriptions, and organization and taxonomy of this catalog and of the described content within this catalog are proprietary to Pasternack and protected by intellectual property laws, including but not limited to United States Copyright law and United States Trademark law. Pasternack owns copyrights in these referenced works as well as the selection, arrangement, coordination and structure of the arranged content and works within this catalog. Use of this catalog does not give you any right to modify, reproduce, transmit, publish, publicly display, adapt, or create derivative works or in any way exploit any of the materials and content of this catalog.



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PE44586	158	13	PE44657	112	25	PE51057	237		PE6047	214		PE6149	213		PE7037	211	
PE44587	157	7	PE44658	144	19	PE51058	237		PE6048	214		PE6150	213		PE7038	211	
PE44588	155	11	PE44659	127	5	PE51059	237		PE6049	214		PE6151	213		PE7039	207	
PE44589	155	14	PE44660	137	6	PE51060	238		PE6050	214		PE6152	213		PE7040	207	
PE44590	155	15	PE44661	137	5	PE51061	233		PE6051	214		PE6153	213		PE7041	207	
PE44592	133	1	PE44662	135	22	PE51062	233		PE6052	214		PE6154	213		PE7042	207	
PE44593	115	19	PE44663	135	21	PE51063	233		PE6053	214		PE6155	213		PE7043	207	
PE44594	135	7	PE44664	113	1	PE51064	233		PE6054	214		PE6156	213		PE7044	208	
PE44595	134	4	PE44665	113	29	PE51065	233		PE6055	214		PE6157	213		PE7045	203	
PE44596	134	3	PE44666	113	2	PE51066	235		PE6056	214		PE6158	214		PE7046	203	
PE44597	134	1	PE44667	113	30	PE51067	235		PE6057	221		PE6159	213		PE7047	204	
PE44598	134	2	PE44668	111	3	PE51068	235		PE6058	221		PE6160	213		PE7048	205	
PE44599	134	5	PE44669	112	3	PE51069	235		PE6059	221		PE6161	213		PE7049	207	
PE46000	134	9	PE44670	125	36	PE51070	232		PE6061	214		PE6162	213		PE7050	208	
PE46001	134	8	PE44671	126	9	PE51071	232		PE6062	214		PE6163	213		PE7051	206	
PE46002	134	6	PE44672	125	37	PE51072	232		PE6063	214		PE6164	213		PE7052	206	
PE46003	134	7	PE44673	126	10	PE51074	232		PE6064	214		PE6165	213		PE7053	206	
PE46004	134	10	PE44674	144	8	PE51076	232		PE6065	214		PE6166	212		PE7054	206	
PE46005	134	14	PE44675	122	2	PE51077	232		PE6066	214		PE6167	212		PE7055	206	
PE46006	134	13	PE44676	144	1	PE51078	232		PE6067	214		PE6168	212		PE7056	207	
PE46007	134	11	PE44686	143	10	PE51080	232		PE6068	214		PE6169	212		PE7057	208	
PE46008	134	12	PE44687	144	17	PE51081	232		PE6069	213		PE6800	230		PE7058	210	
PE46009	134	15	PE44688	144	3	PE51082	232		PE6070	213		PE6801	230		PE7061	209	
PE44610	134	16	<b>PE5001</b>	<b>252</b>		PE51083	232		PE6071	213		PE6802	230		PE7062	209	
PE44613	137	7	PE5004	252		PE51084	232		PE6072	213		PE6803	230		PE7063	209	
PE44615	124	9	PE5006	252		PE51085	232		PE6073	213		PE6804	230		PE7064	209	
PE44616	146	10	PE5007	252		PE51087	232		PE6074	213		PE6805	230		PE7065	209	
PE44618	146	11	PE5008	252		PE51088	233		PE6075	213		PE6806	230		PE7066	212	
PE44619	158	1	PE5009	252		PE51089	234		PE6076	213		PE6807	230		PE7067	212	
PE44620	158	2	PE5010	252		PE51093	237		PE6077	213		PE6808	230		PE7068	212	
PE44622	158	8	PE5011	24, 25, 1		PE51095	232		PE6078	213		PE6809	227		PE7069	212	
PE44625	156	10	PE5012	251		PE51096	237		PE6079	213		PE6810	227		PE7070	212	
PE44629	156	13	PE5014	251		PE51098	237		PE6080	213		PE6811	227		PE7071	212	
PE44630	156	11	PE5200	251		PE51106	237		PE6081	213		PE6812	227		PE7072	212	
PE44631	156	15	PE5500	6		PE51110	233		PE6082	213		PE6813	227		PE7073	212	
PE44632	156	16	PE5501	6		PE51113	234		PE6083	213		PE6814	227		PE7074	212	
PE44633	123	3	PE5510	7		PE51116	233		PE6084	213		PE6815	227		PE7075	212	
PE44634	124	13	PE5511	7		PE51117	235		PE6085	213		PE6816	227		PE7076	212	
PE44635	125	1	PE5512	7		PE51118	235		PE6086	213		PE6817	227		PE7077	212	
PE44636	125	11	PE5513	7		PE51119	235		PE6089	213		PE6818	227		PE7078	212	
PE44637	111	1	PE5514	7		PE51120	235		PE6090	213		PE6819	227		PE7079	212	
PE44638	111	36	PE5515	7		PE51121	235		PE6091	213		PE6820	227		PE7080	212	
PE44639	112	1	<b>PE51000</b>	<b>238</b>		PE51122	235		PE6092	213		PE6821	227		PE7081	212	
PE44640	143	4	PE51001	238		PE51123	235		PE6093	214		PE6822	227		PE7082	212	
PE44641	143	38	PE51002	238		PE51124	235		PE6094	214		PE6823	227		PE7083	212	
PE44645	135	10	PE51003	238		PE51125	235		PE6095	212		PE6824	227		PE7100	222	
PE44646A	140	9	PE51004	238		PE51126	235		PE6096	212		PE6825	227		PE7101	222	
PE44646B	140	10	PE51005	238		PE51127	235		PE6097	212		PE6826	227		PE7102	222	
PE44646C	140	11	PE51006	238		PE51128	235		PE6098	212		PE6827	227		PE7103	222	