



**PATTON & COOKE CO.**  
600 Volt COUPLERS  
P/RKA QUICK FLIP AND C06 SERIES



**PKA - 250 AMP MALE COUPLERS  
RKA - 250 AMP FEMALE COUPLERS  
JKA - 250 AMP JUNCTION BOX**

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**C06C - 225 AMP LEVER LOCK COUPLERS**

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**C06C - 250 AMP MALE & FEMALE COUPLERS AND JUNCTION BOXES**

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**PATTON & COOKE CO.**  
600 Volt COUPLERS  
P/RKA QUICK FLIP SERIES



**250 AMP COUPLER CATALOG NUMBERS**

Contact Structure: 3 Power + 1 Ground + 1 Pilot

Coupler Rating (A)	Male/Female	Mounting Options	Patton & Cooke Catalog Number
250	M	Cable Mount	<b>PKA06S-M <u>x</u> <u>y</u></b>
	F		<b>RKA06S-F <u>x</u> <u>y</u></b>
	M	Equipment Mount	<b>PKA06F-M <u>x</u></b>
	F		<b>RKA06F-F <u>x</u></b>

**TABLE A: 250 AMP COUPLER CATALOG NUMBER SUFFIXES - x & y**

Max. Cable Size		<u>x</u> - Cat. No. Suffix	Outside Cable Diameter		<u>y</u> - Cat. No. Suffix
(mm <sup>2</sup> )	(AWG)		(mm)	(in)	
8	#8	<b>8.5</b>	20.8-47.5	0.82-1.87	<b>A</b>
13	#6	<b>9.5</b>			
21	#4	<b>11</b>			
27	#3	<b>12</b>			
34	#2	<b>13</b>			
42	#1	<b>14</b>			
54	1/0	<b>15</b>	47.8-60.2	1.88-2.37	<b>B</b>
67	2/0	<b>16</b>			
85	3/0	<b>17</b>			
107	4/0	<b>18</b>			

**ORDERING PROCEDURE:**

- Determine the following:
  - Male (plug) or female (receptacle) contacts.
  - Cable or equipment mounting.
- Select catalog number of coupler.
- Determine the conductor size and substitute appropriate code from Table A for "x" in catalog number.

- If cable mounting, determine outside diameter of cable and substitute code from Table A for "y". Provide outside cable diameter on order.

**\*When requesting for quote or help with completing a part number, please state EXACT cable outside diameter, providing cable ranges stated above will not be accepted\***

Example: male plug, cable mount, 4/0 cable,  
outside cable diameter 2"  
Catalog number PKA06S-M18B

**250 AMP JUNCTION BOX CATALOG NUMBERS**

Coupler Rating (A)	Description	Patton & Cooke Catalog Number
250	Two female receptacles with phase transposing compartment. To join cables equipped with male plugs on both ends.	<b>JKA06K-F-1</b>

Available options & accessories refer to page 2.

All couplers and junction boxes are supplied with cover, attachment chain and provision for padlocking two mated couplers.



**PATTON & COOKE CO.**  
**600 Volt COUPLERS**  
**P/RKA QUICK FLIP SERIES**



**TABLE B: 250 AMP COUPLER AND JUNCTION BOX OPTIONS AND CATALOG NUMBER SUFFIXES**

*This table lists options that may be requested with this product class.  
 Use of this table is not required for standard configurations*

Description		Cat. No. Suffix
Ground Contact, Additional	Male	<b>01</b>
	Female	
Pilot Contact, Additional	Male	<b>05</b>
	Female	
Stems, Solderless	2/0 Maximum Conductor Size	<b>10</b>
Pilot Contact, None		<b>11</b>
Electrostatic Application of Epoxy Powder Coating	Blue	<b>EB</b>
	Orange	<b>EO</b>
	White	<b>EW</b>
	Yellow	<b>EY</b>
	Green	<b>EG</b>
	Red	<b>ER</b>
	Grey	<b>EGR</b>
	Brown	<b>EBR</b>
	Black	<b>EBK</b>
	Violet	<b>EV</b>
	Blue Grey	<b>EBG</b>

**SELECTION REMINDERS:**

- Standard Contact Structure: 3 Power + 1 Ground + 1 Pilot
- One additional ground contact (-01) or one additional pilot contact (-05) may be selected as an option.
- Solderless stems will be sized to accommodate the conductor size specified under "x" on page 1.
- If option -01 or -05 is selected for junction box, double list price adder.

**ORDERING PROCEDURE:**

- Select complete catalog number from page 1 and Table 1.
- Add suffix number(s) from Table B if required.
- Add suffix letters from Table B if required.

**Example:**

Male plug, cable mount, 2/0 cable, outside cable diameter 2"  
 Catalog number                      PKA06S-M16B  
 Options:  
 -solderless stems                      -10  
 -blue epoxy coating                      -EB  
**TOTAL PRICE**  
 Complete Catalog Number      PKA06S-M16B-10-EB

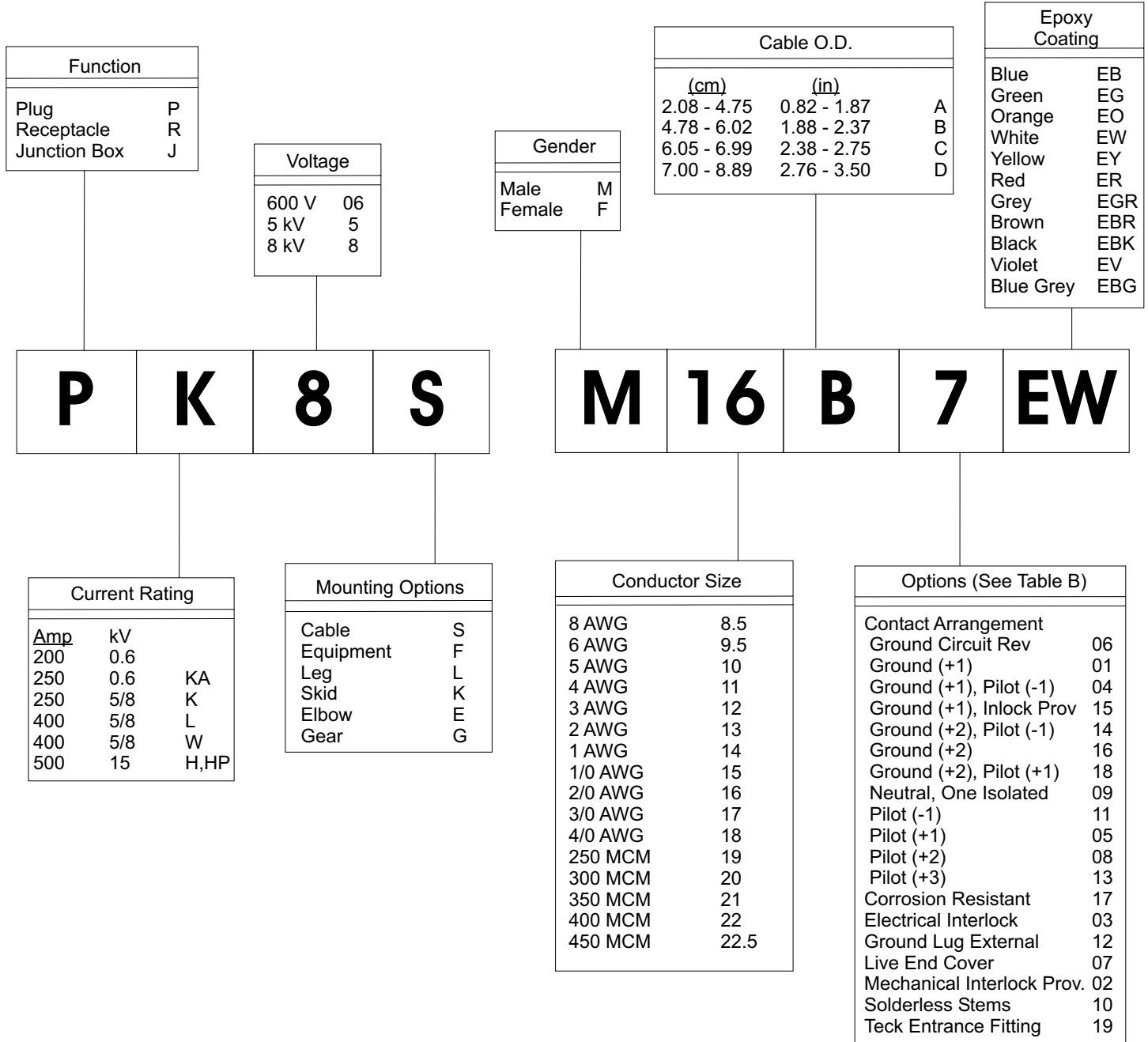
For optional features not shown above and for renewal parts information, contact your Patton & Cooke agent or distributor.  
 Available accessories are listed on page 6.



**PATTON & COOKE CO.**  
**600 VOLT COUPLERS**  
**P/R K/L QUICK FLIP SERIES**



**COUPLER CATALOG NUMBER**  
**COMBINATION GUIDE**

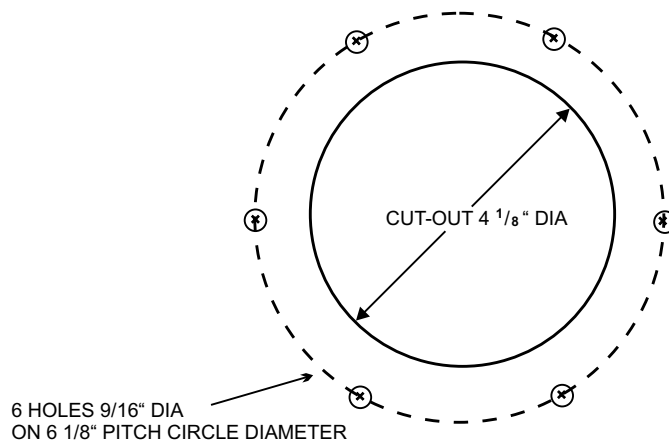




**250 A COUPLER WEIGHTS AND DIMENSIONS**

Illustration (not to scale)	Coupler Rating (A)	Catalog Number	Dimensions		Weight
			A	B	
<p align="center">CABLE MOUNTED MALE</p>	250	<b>PKA06S-M <u>x y</u></b>	17" 432 mm	7 1/4" 184 mm	10.00 lb 4.50 kg
<p align="center">EQUIPMENT MOUNTED MALE</p>	250	<b>PKA06F-M <u>x</u></b>	8 1/4" 210 mm	7 1/4" 184 mm	7.00 lb 3.20 kg
<p align="center">CABLE MOUNTED FEMALE</p>	250	<b>RKA06S-F <u>x y</u></b>	18 1/4" 464 mm	7 1/4" 184 mm	10.00 lb 4.50 kg
<p align="center">EQUIPMENT MOUNTED FEMALE</p>	250	<b>RKA06F-F <u>x</u></b>	7 1/2" 191 mm	7 1/4" 184 mm	7.00 lb 3.20 kg
<p align="center">JUNCTION BOX</p>	250	<b>JKA06K-F-1</b>	18" 457 mm	7 1/4" 184 mm	21.00 lb 9.50 kg

**CUT-OUT DETAILS FOR EQUIPMENT MOUNT COUPLERS**





**PATTON & COOKE CO.**  
**600 Volt COUPLERS**  
**C06 LEVER LOCK SERIES**



**225 AMP COUPLER CATALOG NUMBERS**

Contact Structure: 3 Power + 1 Ground + 2 Pilot

Coupler Rating (A)	Male/Female	Mounting Options	Epoxy Color	Patton & Cooke Catalog Number
225	M	Cable Mount	White	C06C4001
	F			C06C5001
	M	Equipment Mount		C06C4002
	F			C06C5002

**ORDERING PROCEDURE:**

1. Determine the following:
  - a. Male (plug) or female (receptacle) contacts.
  - b. Cable or equipment mounting.
  - c. Epoxy coating required. If so, select color.
2. Select catalog number of coupler.

3. If cable mounting, select cable entrance fitting from Table A below.

Example: female receptacle, cable mount, orange epoxy coating,  
 outside cable diameter 1.25"  
 Catalog number C06C2011  
 Entrance Fitting Kit C10C3019-F

**TABLE A: ENTRANCE FITTING KITS FOR CABLE MOUNTED COUPLERS**

Outside Cable Diameter (mm)	Outside Cable Diameter (in)	Patton & Cooke Catalog No	Outside Cable Diameter (mm)	Outside Cable Diameter (in)	Patton & Cooke Catalog No
20.8-22.1	0.82-0.87	<b>C10C3019-A</b>	32.0-34.8	1.26-1.37	<b>C10C3019-G</b>
22.3-23.9	0.88-0.94	<b>C10C3019-B</b>	35.1-38.1	1.38-1.50	<b>C10C3019-H</b>
24.1-25.7	0.95-1.01	<b>C10C3019-C</b>	38.4-41.1	1.51-1.62	<b>C10C3019-J</b>
25.9-26.7	1.02-1.05	<b>C10C3019-D</b>	41.4-44.5	1.63-1.75	<b>C10C3019-K</b>
26.9-28.4	1.06-1.12	<b>C10C3019-E</b>	44.7-47.5	1.76-1.87	<b>C10C3019-L</b>
28.7-31.8	1.13-1.25	<b>C10C3019-F</b>	47.8-51.8	1.88-2.04	<b>C10C3019-M</b>

Each entrance fitting kit comprises 2 CL-112-\* clamps and 1 GA-R032-\* gasket.



**PATTON & COOKE CO.**

600 Volt COUPLERS

C06 SERIES



**250 AMP COUPLER CATALOG NUMBERS**

Contact Structure: 3 Power + 1 Ground + 1 Pilot

Coupler Rating (A)	Male/Female	Mounting Options	Epoxy Color	Patton & Cooke Catalog Number	
250	M	Cable Mount	-----	<b>C06C1005</b>	
	F			<b>C06C2005</b>	
	M	Equipment Mount		<b>C06C1006</b>	
	F			<b>C06C2006</b>	
	M	Cable Mount		White	<b>C06C1007</b>
	F				<b>C06C2007</b>
	M	Equipment Mount	<b>C06C1008</b>		
	F		<b>C06C2008</b>		
	M	Cable Mount	Blue	<b>C06C1009</b>	
	F			<b>C06C2009</b>	
	M	Equipment Mount		<b>C06C1010</b>	
	F			<b>C06C2010</b>	
M	Cable Mount	Orange	<b>C06C1011</b>		
F			<b>C06C2011</b>		
M	Equipment Mount		<b>C06C1012</b>		
F			<b>C06C2012</b>		

**ORDERING PROCEDURE:**

1. Determine the following:
  - a. Male (plug) or female (receptacle) contacts.
  - b. Cable or equipment mounting.
  - c. Epoxy coating required. If so, select color.
2. Select catalog number of coupler.

3. If cable mounting, select cable entrance fitting from Table A below.

Example: female receptacle, cable mount, orange epoxy coating,  
 outside cable diameter 1.25"  
 Catalog number C06C2011  
 Entrance Fitting Kit C10C3019-F

**TABLE A: ENTRANCE FITTING KITS FOR CABLE MOUNTED COUPLERS**

Outside Cable Diameter (mm)	Outside Cable Diameter (in)	Patton & Cooke Catalog No	Outside Cable Diameter (mm)	Outside Cable Diameter (in)	Patton & Cooke Catalog No
20.8-22.1	0.82-0.87	<b>C10C3019-A</b>	32.0-34.8	1.26-1.37	<b>C10C3019-G</b>
22.3-23.9	0.88-0.94	<b>C10C3019-B</b>	35.1-38.1	1.38-1.50	<b>C10C3019-H</b>
24.1-25.7	0.95-1.01	<b>C10C3019-C</b>	38.4-41.1	1.51-1.62	<b>C10C3019-J</b>
25.9-26.7	1.02-1.05	<b>C10C3019-D</b>	41.4-44.5	1.63-1.75	<b>C10C3019-K</b>
26.9-28.4	1.06-1.12	<b>C10C3019-E</b>	44.7-47.5	1.76-1.87	<b>C10C3019-L</b>
28.7-31.8	1.13-1.25	<b>C10C3019-F</b>	47.8-51.8	1.88-2.04	<b>C10C3019-M</b>

Each entrance fitting kit comprises 2 CL-112-\* clamps and 1 GA-R032-\* gasket.



# PATTON & COOKE CO.

## 600 Volt COUPLERS C06 SERIES



### 250 AMP JUNCTION BOX CATALOG NUMBERS

Coupler Rating (A)	Description	Mounting Options	Patton & Cooke Catalog Number	LIST PRICE
250	Two female receptacles with phase transposing compartment. To join cables equipped with male plugs on both ends.	Less Skid	<b>C06C3006</b>	POR
		Skid Mount	<b>C06C3007</b>	

All couplers and junction boxes are supplied with cover, attachment chain, provision for padlocking two mated couplers and solderless stems.

### TABLE B: 250 AMP COUPLER AND JUNCTION BOX OPTIONS

*This table lists options that may be requested with this product class.  
Use of this table is not required for standard configurations*

Description	LIST PRICE	Description	LIST PRICE	
1. Submersible Option Includes: One 3 000 g kit of potting compound Catalog Number OS-J563 Submersible to 9 m (30 ft).	POR	2. Pilot Contact, Additional	POR	
		3. Pilot Contact, None	POR	
Electrostatic Application of Epoxy Powder Coating	Blue	<b>EB</b>	Grey	<b>EGR</b>
	Orange	<b>EO</b>	Brown	<b>EBR</b>
	White	<b>EW</b>	Black	<b>EBK</b>
	Yellow	<b>EY</b>	Violet	<b>EV</b>
	Green	<b>EG</b>	Blue Grey	<b>EBG</b>
	Red	<b>ER</b>		

POR = PRICE ON REQUEST

#### SELECTION REMINDERS:

- Standard Contact Structure: 3 Power + 1 Ground + 1 Pilot

Catalog Number: Will be assigned by Patton & Cooke at time of order entry. Contact factory if preassigned number is required.

If other options are required which are not listed contact Patton & Cooke.  
Available accessories are listed on page 6.

### 250 AMP COUPLER SPECIFICATIONS

Coupler Rating (A)	Description	Minimum	Maximum
250	Cable Outside Diameter	21 mm    0.82"	52 mm    2.04"
	Conductor Gauge	- Phase - Pilot* - Ground	8 mm <sup>2</sup> #8 AWG 14 mm <sup>2</sup> #14 AWG 8 mm <sup>2</sup> #8 AWG

\* Two pilot stems will accommodate split strands of pilot conductor where necessary.



# PATTON & COOKE CO.

## 600 Volt COUPLERS C06 SERIES



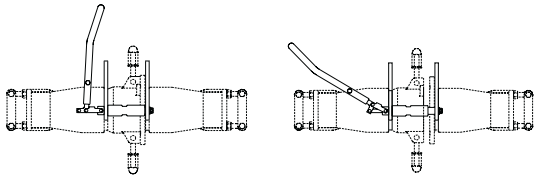
### 600 V COUPLER AND JUNCTION BOX KITS AND ACCESSORIES

#### SUBMERSIBLE CONVERSION KIT FOR C060C COUPLERS

Coupler can become submersible to 9 m (30 ft) simply by filling the cable termination compartment with potting compound prior to installing the rear gasket and cable strain relief assembly. A hypalon gasket seals the insulator to the body to prevent leaking.

Description	Patton & Cooke Catalog Number
Kit contains: One 750 g kit of potting compound, catalog no OS-J563-750 One hypalon gasket, catalog no GA-R093-H Instruction Guide, C06C3023 One kit required per C06 coupler.	<b>C06C3023</b>

#### CLOSING TOOL

Illustration (not to scale)	Description	Patton & Cooke Catalog Number
 <p>Figure 1: Closing Tool Operating Sequence, Closed (left), Open (right)</p>	Manufactured of aluminum and stainless steel. Epoxy coating electrostatically applied for extra protection.	<b>C06C3001</b>

#### CONTACT TOOLS

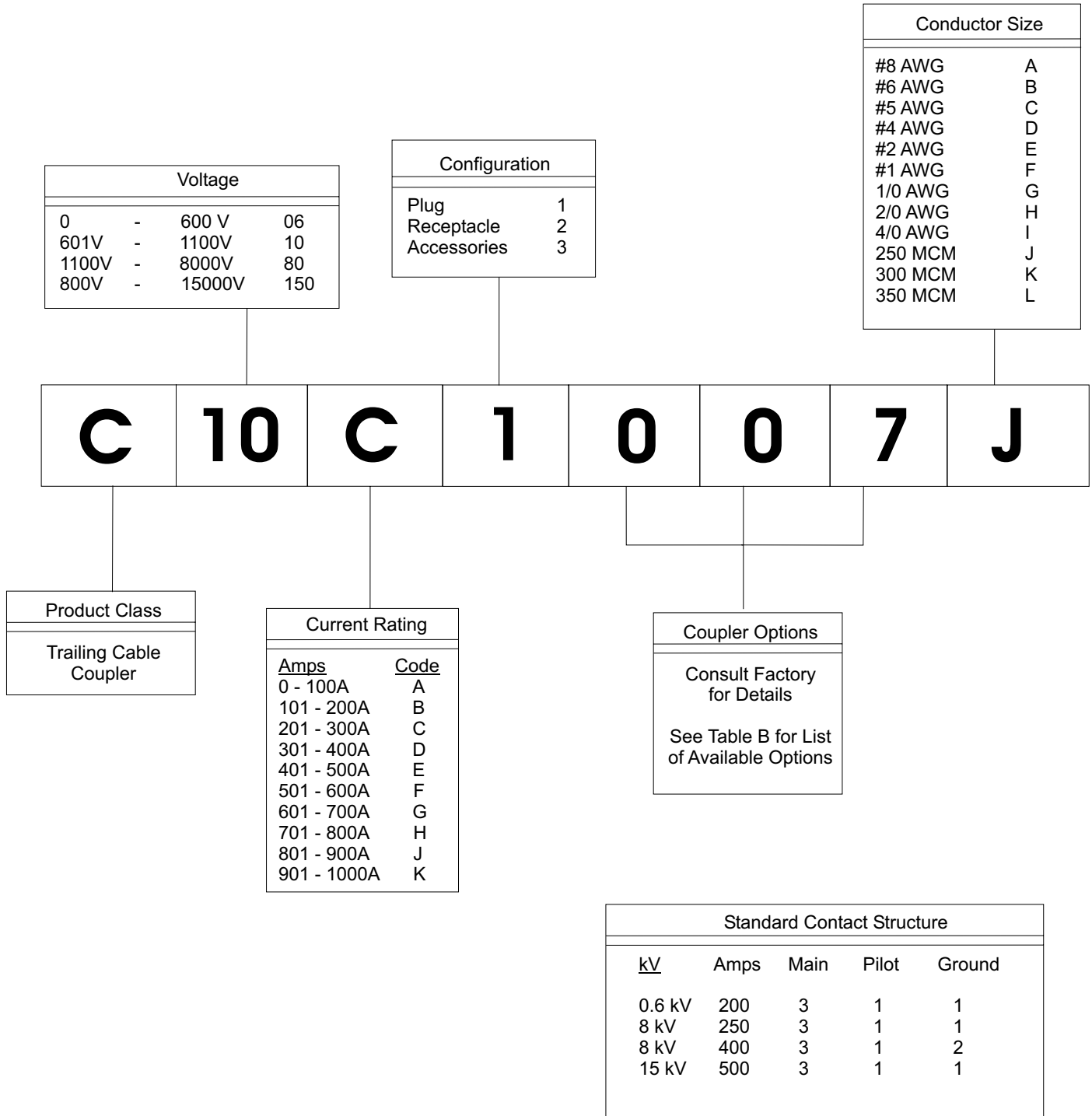
Description	Patton & Cooke Catalog Number
Main phase nut and main phase contact tool	<b>11D-070</b>
Ground contacts tool	<b>11A-010</b>
Pilot contacts tool	<b>2A6A-6</b>



**PATTON & COOKE CO.**  
**TRAILING CABLE COUPLERS**  
**C SERIES**



**COUPLER CATALOG NUMBER**  
**COMBINATION GUIDE**

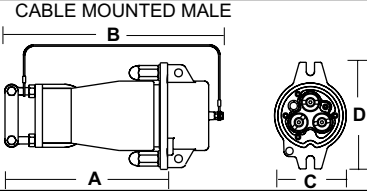
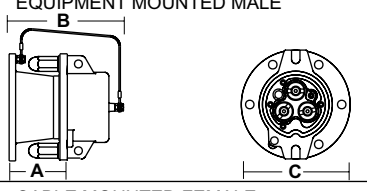
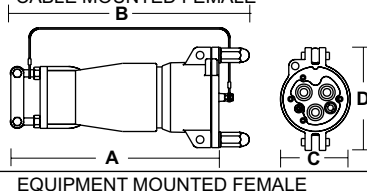
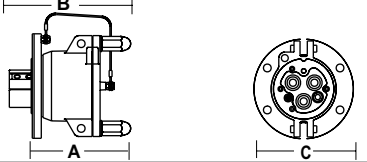




**PATTON & COOKE CO.**  
**600 Volt COUPLERS**  
**C06 SERIES**



**250 A COUPLER WEIGHTS AND DIMENSIONS**

Illustration (not to scale)	Catalog Number	Dimensions				Weight
		A	B	C	D	
<b>CABLE MOUNTED MALE</b> 	<b>C06C1005</b>	286 mm 11 1/4"	381 mm 15"	127 mm 5"	184 mm 7 1/4"	10.0 lb 4.5 kg
	<b>C06C1007</b>					
	<b>C06C1009</b>					
	<b>C06C1011</b>					
<b>EQUIPMENT MOUNTED MALE</b> 	<b>C06C1006</b>	102 mm 4"	197 mm 7 3/4"	184 mm 7 1/4"		8.6 lb 3.6 kg
	<b>C06C1008</b>					
	<b>C06C1010</b>					
	<b>C06C1012</b>					
<b>CABLE MOUNTED FEMALE</b> 	<b>C06C2005</b>	356 mm 14"	425 mm 16 3/4"	127 mm 5"	184 mm 7 1/4"	9.5 lb 4.3 kg
	<b>C06C2007</b>					
	<b>C06C2009</b>					
	<b>C06C2011</b>					
<b>EQUIPMENT MOUNTED FEMALE</b> 	<b>C06C2006</b>	102 mm 4"	171 mm 6 3/4"	184 mm 7 1/4"		7.5 lb 3.4 kg
	<b>C06C2008</b>					
	<b>C06C2010</b>					
	<b>C06C2012</b>					

**CUT-OUT DETAILS FOR EQUIPMENT MOUNT COUPLERS**

