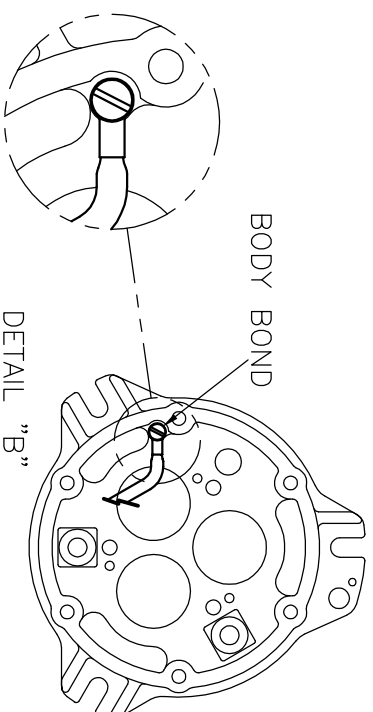
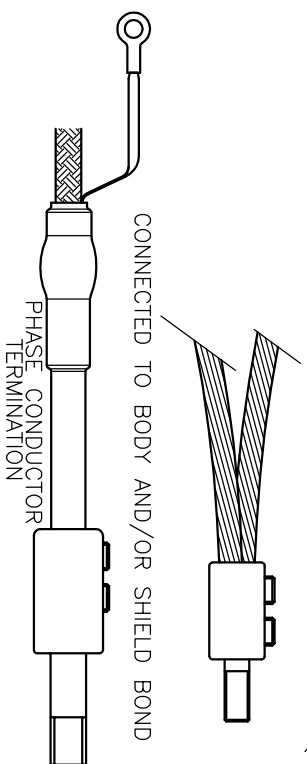
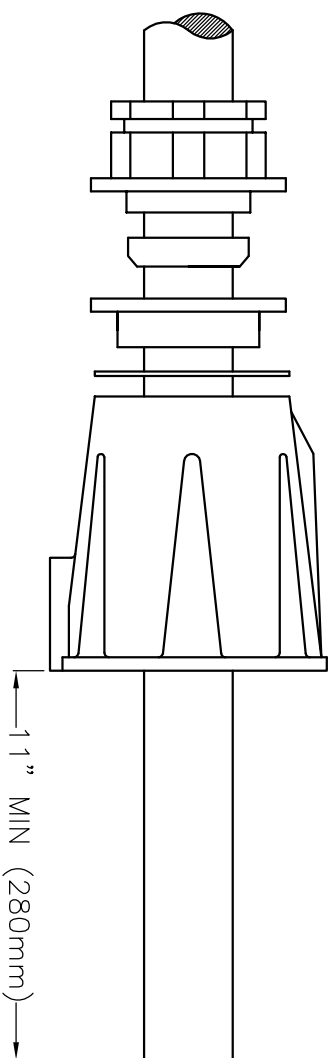


8KV, 250A C80C & 400A C80D SERIES OF CABLE COUPLER C/W SOLDER OR SOLDER-LESS STYLE STEMS

APPLICABLE TERMINATION KITS:

5KV THROUGH 15KV:	PART #	11Y08/15-A	OVER CONDUCTOR DIA RANGE .59" - .98" (15mm-25mm)
5KV THROUGH 15KV:	PART #	11Y08/15-B	OVER CONDUCTOR DIA RANGE .79" - 1.26" (20MM-32MM)
5KV THROUGH 15KV:	PART #	11Y08/15-C	OVER CONDUCTOR DIA RANGE 1.10" - 1.75" (28mm-44mm)

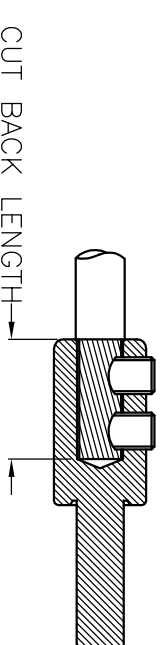
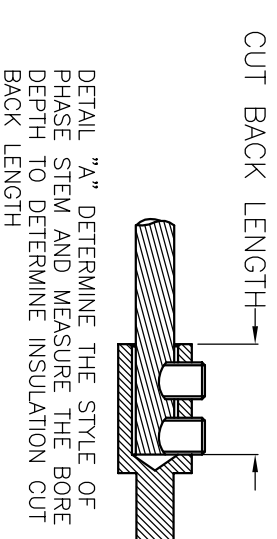
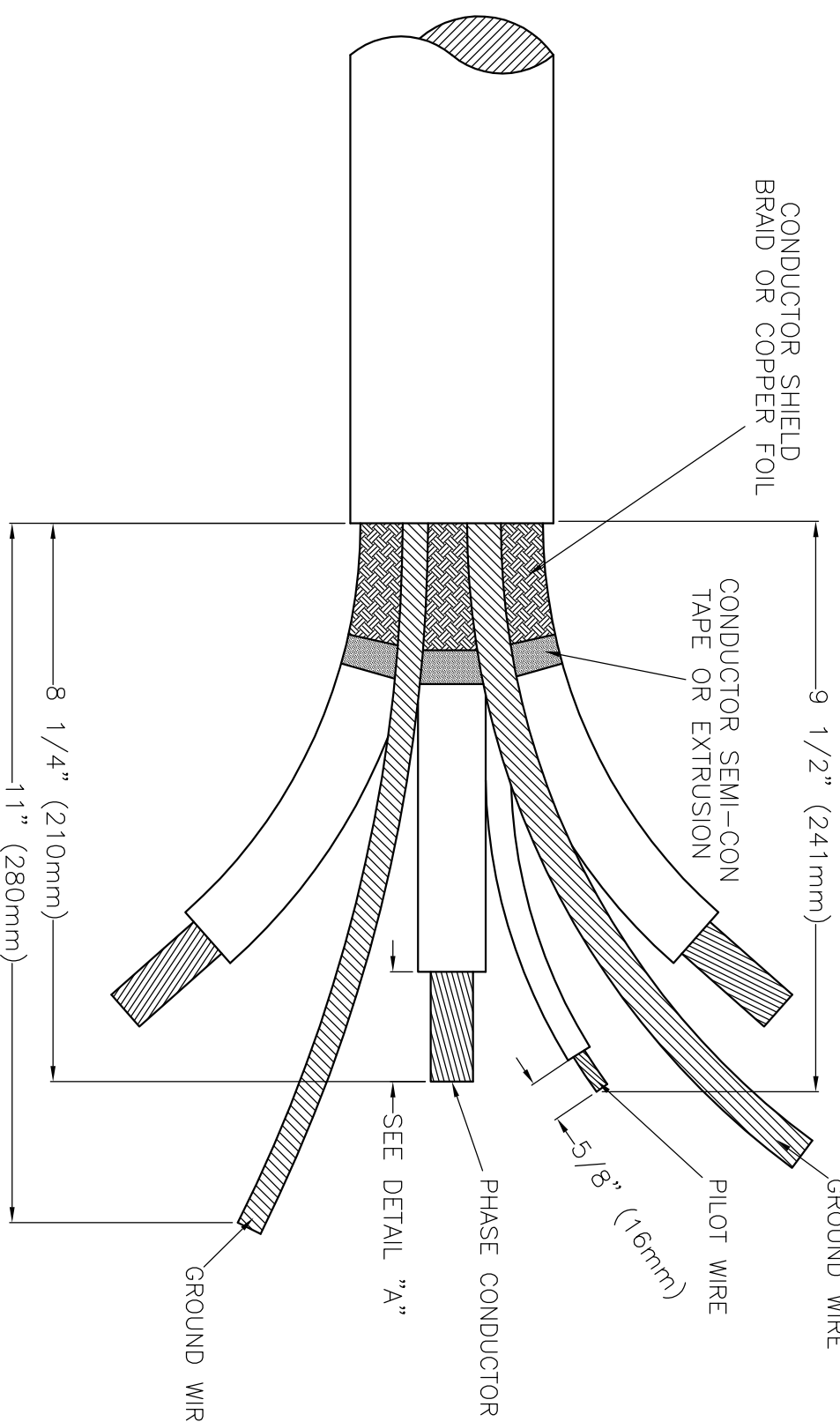
CONFIRM DIAMETER OVER
PHASE INSULATION (UNDER
SEMI-CON & SHIELD) TO
ENSURE CORRECT TERMINATION
KIT IS INSTALLED.



- 1.) CLEAN CABLE JACKET A MINIMUM OF 24" (610mm)
- 2.) SLIDE ENTRANCE FITTING GLAND SECTION, CABLE SEAL GASKET, ENT FTG BODY SECTION, INTERFACE GASKET AND COUPLER REAR BODY SECTION ONTO CUTTING CABLE JACKET.
- 3.) CUT BACK CABLE JACKET 1 1/2" (279mm) MAX
- 4.) CUT PHASE CONDUCTORS BACK TO A LENGTH OF 8 1/4" (210mm) (if phase crossing is required then jacket cut back length can be increased to 9 1/4" (235mm))
- 5.) CUT PILOT CONDUCTOR BACK TO A LENGTH OF 9 1/2" (241mm)
- 6.) STRIP BACK PILOT CONDUCTOR INSULATION 5/8" (16mm)
- 7.) ENSURE ALL THE CONDUCTORS FIT PROPERLY INTO THEIR ASSOCIATED STEMS. CONTINUE WITH TERMINATION USING THE INSTRUCTIONS PROVIDED WITH THE TERMINATION KIT.
- 8.) TORQUE REQUIREMENTS FOR THE CONDUCTOR STEMS IS AS FOLLOWS
PHASE STEMS USING 1/2" SET SCREWS, TORQUE TO 420 INCH/Lbs
PILOT STEMS USING 9/16" SET SCREWS, TORQUE TO 500 INCH/Lbs
GROUND STEM(S) USING 1/2" SET SCREWS, TORQUE TO 360 INCH/Lbs
PILOT STEM USING 1/4" SET SCREW, TORQUE TO 48 INCH/Lbs

IF SOLDERING IS REQUIRED CONFIRM FIT OF CONDUCTOR INTO THE APPROPRIATE STEM LIGHTLY APPLY NON CORROSIVE FLUX TO CONDUCTOR STRANDING AND INSIDE STEM. HEAT AND LIGHTLY PRE-TIN BOTH THE STEM BORE AND CONDUCTOR STRANDING USING 50/50 NON-RESIN CORE SOLDER. LIGHTLY RE-FLUX PRE-TINNED CONDUCTOR AND INSERT INTO STEM. HEAT AND APPLY 50/50 SOLDER ENSURING NOT TO ALLOW EXCESS SOLDER TO CONTAMINATE THE OUTSIDE OF THE STEM. ONCE SUFFICIENT SOLDER HAS BEEN APPLIED ALLOW TO JOINT COOL. ENSURE NO MOVEMENT OCCURS PRIOR TO THE SOLDER FULLY SETTING OR A "COLD JOINT" MAY RESULT. SHOULD THIS OCCUR RE-HEAT TO ALLOW THE SOLDER TO MELT. AGAIN ALLOW TO COOL ENSURING NO MOVEMENT OCCURS.

- 9.) CONNECT BONDING STRAPS FROM TERMINATION TO BONDING BOLT ON REAR SIDE OF THE FRONT BODY. SEE DETAIL "B"
- 10.) INSTALL ALL STEMS IN INSULATOR OR FRONT BODY. ENSURE SEALS ARE APPLIED TO ALL CONTACT STEMS PRIOR TO INSERTING INTO INSULATOR OR BODY, TIGHTEN CONTACTS IN THEIR ASSOCIATED HOUSING. SLIDE FORWARD REAR BELL HOUSING, ATTACH FRONT BODY USING 3/8" HARDWARE. BE SURE GASKETS ARE INSTALLED BETWEEN BODY PARTS, CONTINUE WITH COUPLER ASSEMBLY.



PATTON & COOKE CO.
We make the connection.

