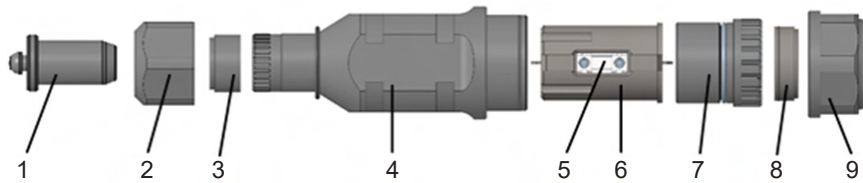


PCA-16-25MM2-2C-HL Adaptor
for 2 Core DC Power Cable Installation

Bulletin 7863173 Revision B Page 1 of 2



No.3 for cable
OD 10 - 14 mm

No.8 for cable
OD 20 - 25 mm

1	Stopper
2	Nut
3	Sealing rubber
4	Shell
5	Shield Terminal
6	Insulator
7	Plastic clip
8	Sealing rubber
9	Nut

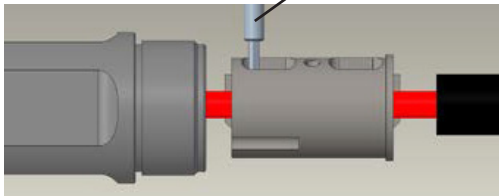
<p>1 Check the OD of the cable jacket to verify the sealing rubber for the cable on both output and input sides are correct.</p> <p>Output No.3 OD 10-14 mm</p> <p>Input No.8 OD 20-25 mm</p>	<p>2 Lead the Output cable through the No.1 nut, No.3 sealing rubber and No.4 shell. Then lead the Input cable through the No.9 nut, No.8 sealing rubber and then the No.7 plastic clip.</p> <p>Output</p> <p>Input</p>
<p>3 Strip the cable outer jacket to 45 +/- 2 mm, don't cut the shielding braid.</p> <p>Shielding braid</p> <p>45 mm</p>	<p>4 Remove individual fractured shielding wire. Twist the shielding of copper cable and cut the core wire to 35 +/- 2 mm</p> <p>Twist shielding</p> <p>35 mm</p>
<p>5 Strip the inner jacket of the conductor to 20 +/- 1 mm, can refer to the groove length on the insulator.</p> <p>20 mm</p>	<p>6 Twist cable conductor 6 times by hand if it is stranded wire as shown below, then install the core wires into the correct holes.</p>

PCA-16-25MM2-2C-HL Adaptor
for 2 Core DC Power Cable Installation

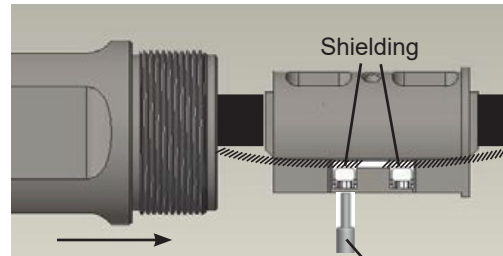
Bulletin 7863173 Revision B Page 2 of 2

7 Tighten the screws in the two holes by using a torque screwdriver. The torque force should be 2.5 N·m to avoid short circuits. Repeat the 6th and 7th steps again to assemble the cable to the other side of the insulator.

Torque screwdriver
(Torque force: 2.5 N·m)

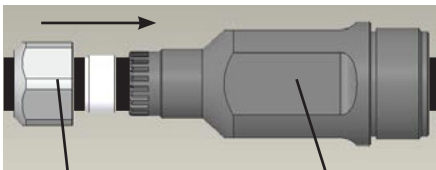


8 Tighten the shielding screw in shield terminal by using a torque screwdriver. The torque force should be 1 N·m. Slide the No.4 shell over the No.6 insulator.



Torque screwdriver
(Torque force: 1 N·m)

9 Press the sealing rubber into the No.4 shell. Assemble the No.2 nut onto the No.4 shell using an M30 spanner and an M40 spanner as shown. The torque force should be 2.5 N·m.

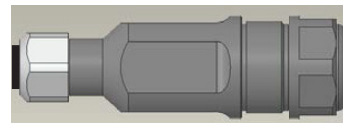


M30 spanner
(Torque force: 2.5 N·m) M40 spanner

10 Press the No.7 plastic clip into the No.4 shell. Press the sealing rubber into the No.7 plastic clip. Assemble the No.9 nut onto the No.4 shell using an M40 spanner and an M42 spanner as shown. The torque force should be 2.5 N·m.

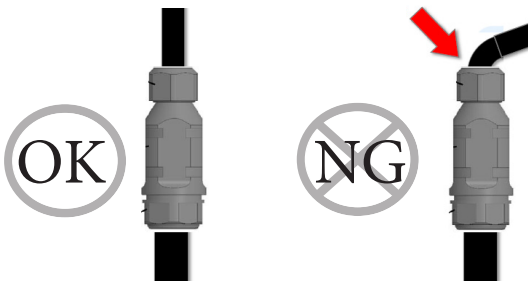


M40 spanner M42 spanner
(Torque force: 2.5 N·m)



Completed assembly

11 During installation maintain straight cable entry and exit to ensure full PCA sealing performance during operation.



ANDREW an Amphenol company

2601 Telecom Parkway, Richardson, Texas, 75082, USA
www.andrew.com

Notice: ANDREW disclaims any liability or responsibility for the results of improper or unsafe installation, inspection, maintenance, or removal practices.
Aviso: ANDREW no acepta ninguna obligación ni responsabilidad como resultado de prácticas incorrectas o peligrosas de instalación, inspección, mantenimiento o retiro.
Avis: ANDREW décline toute responsabilité pour les conséquences de procédures d'installation, d'inspection, d'entretien ou de retrait incorrectes ou dangereuses.
Hinweis: ANDREW lehnt jede Haftung oder Verantwortung für Schäden ab, die aufgrund unsachgemäßer Installation, Überprüfung, Wartung oder Demontage auftreten.
Atenção: A ANDREW abdica do direito de toda responsabilidade pelos resultados de práticas inadequadas e sem segurança de instalação, inspeção, manutenção ou remoção.
Avvertenza: ANDREW declina eventuali responsabilità derivanti dall'esecuzione di procedure di installazione, ispezione, manutenzione e smontaggio improprie o poco sicure.
注意: ANDREW 公司申明對於不恰當或不安全的安裝、檢驗、維修或拆卸操作所導致的後果不負責任 何義務和責任

Technical Support

+1 888 297 6433, Option 3 (Toll Free US and Canada)
awpnarsupport@andrew.com