# PCA-16-25MM2-2C

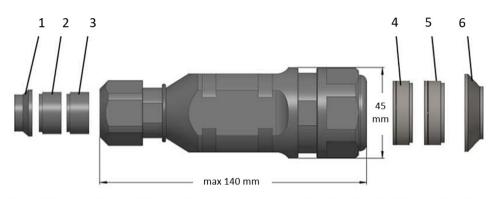


HELIAX® power adaptor, 2 Core DC Power Cable connection. Input Power Cable conductor size as 2.5mm2~25mm2 and Output Power Cable conductor size as 2.5mm2~16mm2. Shield contact size as 4~6mm2. Glands at both ends providing a IP67 weatherproof performance

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Power adapter
Product Brand	HELIAX®
Product Series	PCA
Dimensions	
Width	45 mm   1.772 in
Length	140 mm   5.512 in
Cable Outer Diameter	Input end: 9–14 mm and 14–18 mm   Output end: 6–9 mm and 9–14 mm
Power Contact Size	I/P: 2.5–25 mm2 (copper)   0/P: 2.5–16 mm2 (copper)
Shield Contact Size	4–6 mm²

## Dimension Drawing



- 1 = hold-down ring for cable OD under 10mm
- 2 = sealing rubber for cable OD range 6 to 9mm
- 3 = sealing rubber for cable OD range 9 to 14mm
- 4 = sealing rubber for cable OD range 12 to 18mm 5 = sealing rubber for cable OD range 9 to 14mm 6 = hold-down ring for cable OD under 14mm

Page 1 of 2

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# Electrical Specifications

Current Rating, maximum	70 A
Insulation Resistance, minimum	1000 MOhm
Voltage Rating	48 Vdc
Withstand Voltage	300 Vdc @ 60 sec

### Material Specifications

Contact Base Material	Copper alloy
Contact Plating Material	Min 4µm Sn on 0.76µm Ni
Housing Material	PA66   PC/ABS

## Mechanical Specifications

Tensile Force	50 N   11.24 lbf
Connecting Operations, maximum	5
Locking Force	2.5 Nm for all cable glands

### **Environmental Specifications**

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Flammability Rating	UL 94 V-0
Ingress Protection Test Method	IP67

### Regulatory Compliance/Certifications

Agency	Classification
ROHS	Compliant

Page 2 of 2

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