Military Airframe/ Rotocraft

Ground Programs

Commercial Aircraft

Missle Defense

Avionics

Munitions & Missiles

UAV

Ship Building & Maritime

C4 Systems

Space Based

Backshells │ **Amphenol** Pcd

Learn more at backshellworld.com

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Complete Interconnect Solutions

Within Amphenol's wide range of interconnect products is a full range of backshell hardware. Customers can take advantage of Amphenol's global synergy for connectors, backshells and cable harnessing with one place for all their interconnect needs. Coming to Amphenol for a custom design of a backshell, means that customers benefit from the vast amount of experience this global company has in designing interconnect solutions.

Amphenol Pcd

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www.amphenolpcd.com

Backshell Overview

Amphenol Backshells are available in multiple types for a variety of applications.

- Wide range of products to cover different needs
- MIL/QPL qualification: SAE – AS 85049
- Custom design options

Military Specifications

Specifications	Series/ Class	Connector
MIL-DTL-38999	III, IV	L
MIL-DTL-83723	I, III	J
MIL-DTL-38999	I, II	K
MIL-DTL-5015	MS340, MS345	J
MIL-C-81703	3	J
MIL-DTL-26482	2	J

Cadmium Alternate Finishes

Amphenol now offers alternative Backshell finishes that meet RoHS/REACH requirements and are environmentally friendly.
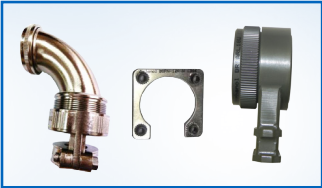
- Zinc Nickel
- Nickel Fluorocarbon (Durmalon)

Composite

- For lightweight applications
- Rugged and durable
- Expanded QPL listing
  -M85049/91
  -M85049/92
  -M85049/93

Dust Caps

- Added new QPL lisings
- Specifications
  D38999/32 & 33
  MS3180 & MS3181
  MS25042 & MS25043
- Series/ Class
  MIL-DTL-D38999 III
  MIL-DTL-26482
 MIL-DTL-5015

Specials

- Radius Profile - applications requiring controlled cable bending viz Fiber optic, Quadrax cable etc.
- Ultra Lowe Profile – cable routing thru very limited space. Less than 1" profile
- Nut Plates – hold connectors with flange holes. No more worries of losing nuts!

Green Materials

- Environmentally friendly
- Meets RoHS/REACH
- Expanded QPL listing
- Cadmium Alternate Finishes
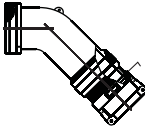 -Zinc Nickel
  -Nickel Fluorocarbon (Durmalon)

Angle/Profile
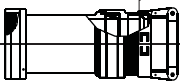
Straight Backshells

90° Angled Backshells

45° Angled Backshells

Coupling Style

Spin

Self Lock

Direct

Backshell Family

Non-Environmental Backshell

Environmental Backshell

Non-Environmental EMI/RFI Backshell

Environmental EMI/RFI Backshell

Shrink Boot Adapter

Crimp Ring Adapter
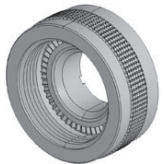
Band Lock Adapter

Pre-Shield Adapter

SQ Adapter

Strain Relief Clamps

Lamp Thread Adapter

Grommet Nut

Quick Clamp