



D-Sub Lightweight Backshell with Haloring

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D-Sub Lightweight Backshell with Haloring

- **Product**

- Lightweight Backshell for D-Sub Connectors.
- Designed to accept connectors E, A, B, C, D and F sizes.
- Electroless Nickel and Gold plating
- 2 quality levels:
 - Flight Model – 3401/072 ESA certified
 - Engineering Model - CS FR022 spécification

→ 264 references of Backshells

→ 10 references of Halorings

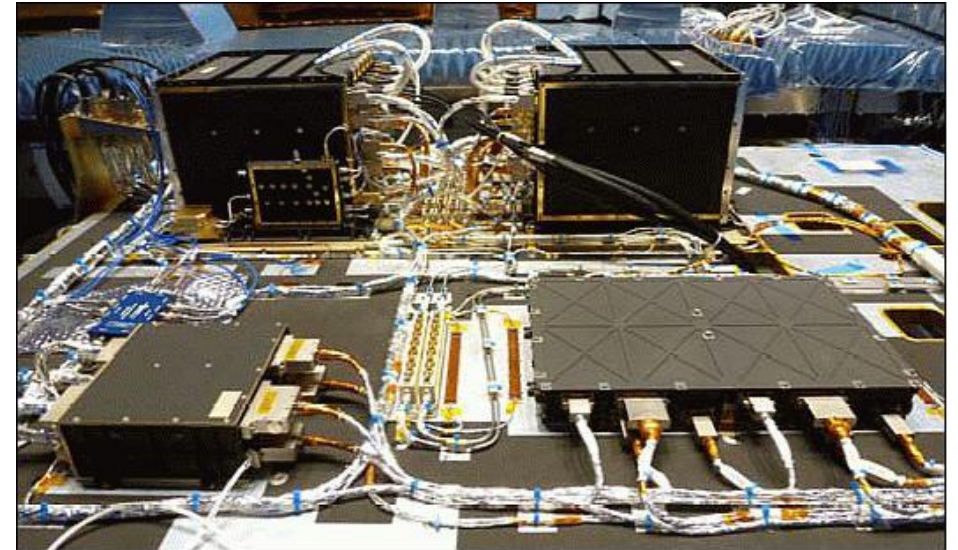
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Where to use D-Sub Lightweight Backshell with Haloring?

D-Sub Lightweight Backshell is a key element in protecting connectors and cables in space applications with tight weight and space constraints.

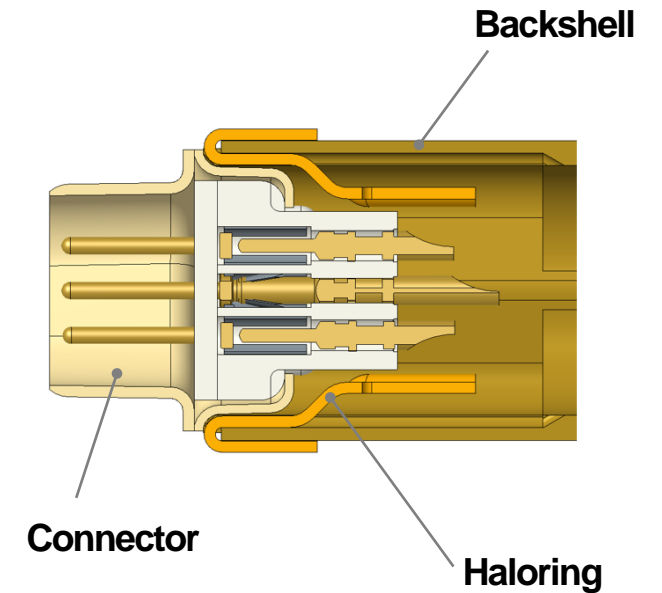
We now offer a new version of our D-sub Lightweight Backshell which is **Haloring Compatible** to answer our customers' needs in applications **where shielding is required**.

- **Market**
 - Aerospace market: Satellite, Payload equipment, Launcher
- **Applications**
 - Harnesses



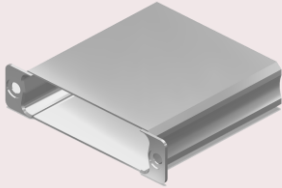
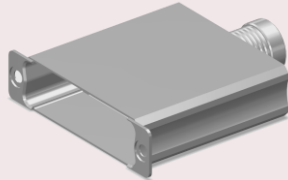
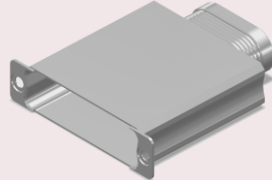
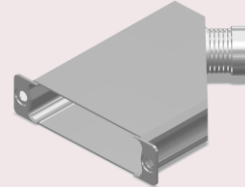
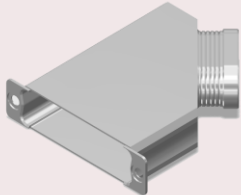
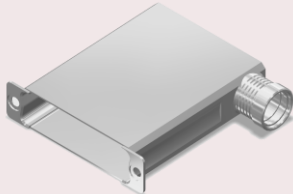
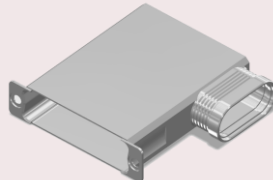
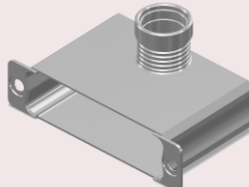
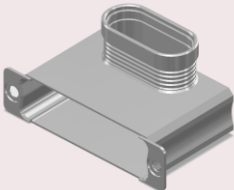
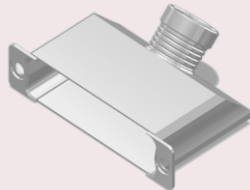
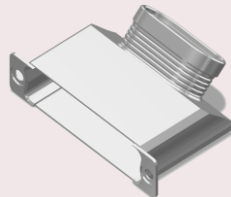
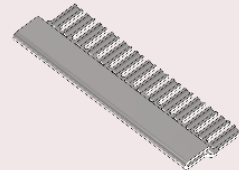
D-Sub Lightweight Backshell with Haloring

- Haloring accessory is connected between the D-Sub connector and the backshell to facilitate the shield grounding of cable. The braid of the shielded wires is soldered onto the individual tines of the silver plated Haloring.
- It is also a lightweight product **to be easily integrated** in environments requiring weight and space optimization.
- C&K D-sub Lightweight Backshell Haloring compatible is the only product on the market to be **ESA certified**. It can therefore be used in all space applications.



D-Sub Lightweight Backshell with Haloring

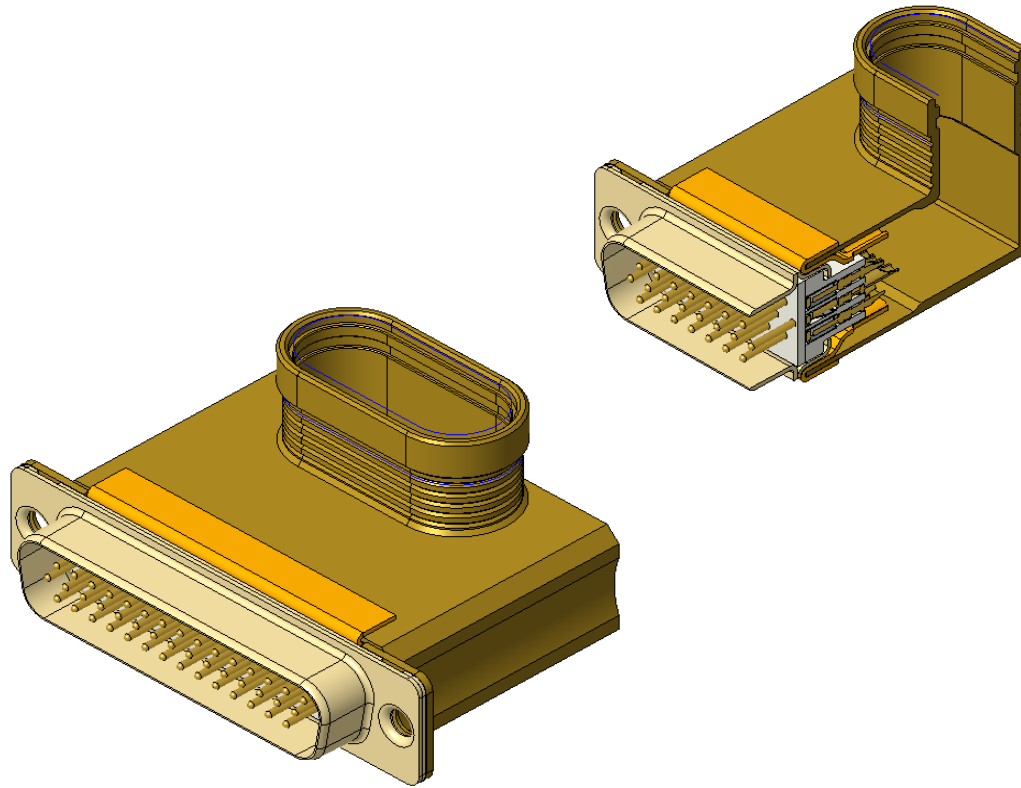
- **Main Features**
 - 11 types of cable Outlet / Shape
 - Haloring (4 sizes)

			
Closed Shorting Can	Top Circular Outlet	Top Elliptical Outlet	45° Circular Outlet
			
45° Elliptical Outlet	90° Circular Outlet	90° Elliptical Outlet	90° Top Circular Outlet
			
90° Top Elliptical Outlet	45° Top Circular Outlet	45° Top Elliptical Outlet	Haloring

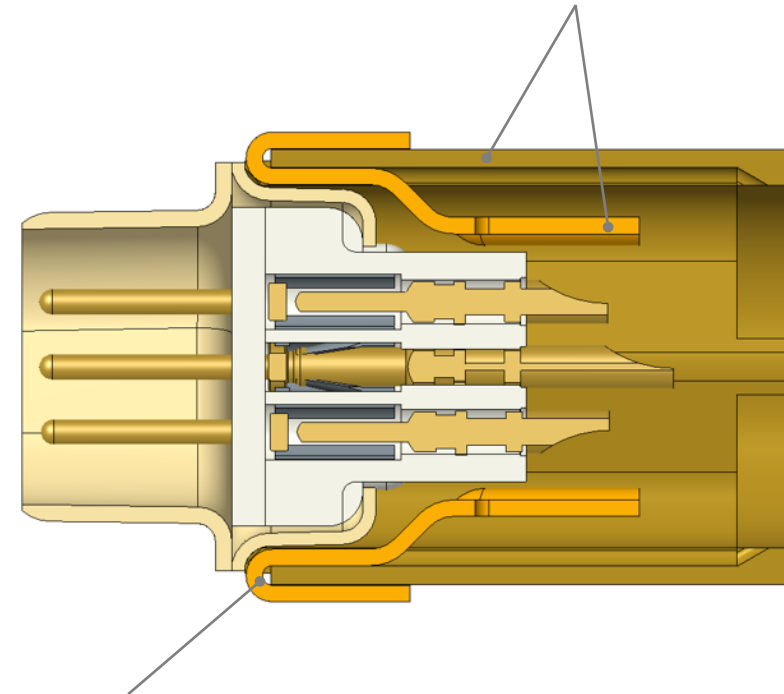
D-Sub Lightweight Backshell with Haloring

- **Main Features**

- Haloring use on both large sides
- Dedicated shape



The internal shape of the backshell and the profile of the haloring have been specifically studied in order to overcome the space constraints and ensure ease of use during wiring of the shielded wires.



Haloring is held between the connector and the backshell

D-Sub Lightweight Backshell with Haloring

- **Main Benefits**

- Products ESA/ESCC certified (specification 3401/072). Avoid some deviation with the use of Backshell not certified.
- Compatible with 3401/022 Accessories, 3401/001 and 3401/002 D-Sub Connectors.
- Only C&K is ESA/ESCC certified for D-Sub Backshell Haloring compatible

D-Sub Lightweight Backshell with Haloring

- **Tools**
 - 1 Products Specification: ESCC 3401/072
 - 2 Datasheets (ESCC/ESA certified products, Engineering Models)
 - 1 Products Specification: ESCC 3401/072
 - 11 Drawings of Backshell
 - 1 drawing of Haloring
 - 71 3D models
 - Samples
 - Products list with parametric table