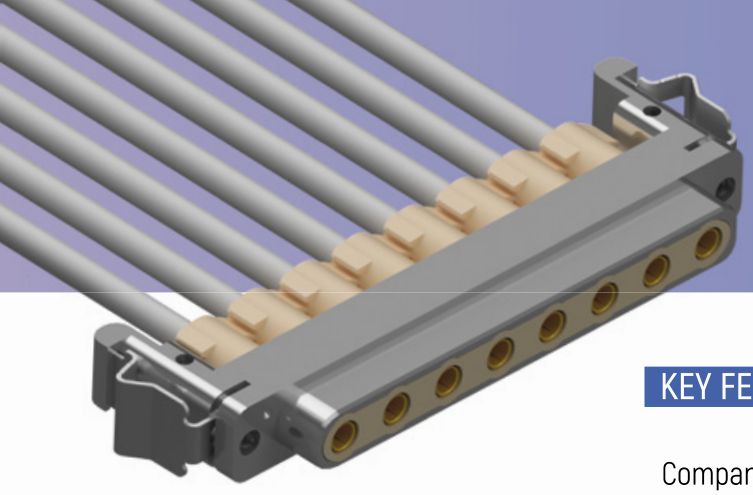
VERSATYS™

MINIATURE POWER CONNECTORS





CHOOSE VERSATYS™



VERSA
MINIATURE POWE

KEY FEATURES & BENEFITS

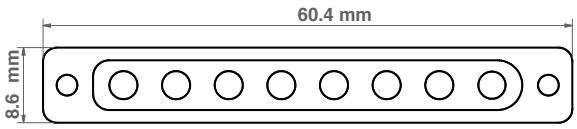
Compared with power D-Sub, **Versatys™** connectors deliver substantial space and weight savings while achieving the same overall performance.

Time saving and fast intergration

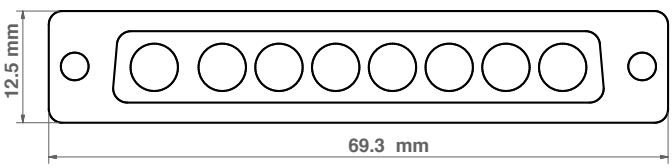
Ultra-fast connection, modularity, weight and space saving all in a tiny parcel! This is what the new range of Axon's **Versatys™ power connectors** offers. Derived from Micro-D technology, these miniature connectors can be mated and locked in place without any tooling and all in a single click. The time saving is clear ! This is the ideal solution to supply electrical and electronic devices for **satellites and aircraft**.

- You can mate and lock up to 15 Versatys™ connectors inside a minute with the D-Click™ fast-locking system (compared to 1 D-Sub in over 2 minutes).
- 40 % smaller than D-Sub connectors.
- 40 % lighter than D-Sub connectors.
- ATOX and radiation resistant.
- Cost-effective solution in terms of launch costs (space).
- Time saving during integration as no tooling required: cost-effective solution !
- **Fast locking D-Click™** system: one single click and the plug is connected and locked to the receptacle.
- Components of the **Versatys™** connector including the shell, contacts and wires can all be ordered in kit form.
- **Easy maintenance**: no need to change the whole connector when a line is damaged.

VERSATYS™ CONNECTOR - 8 WAYS



D-SUB CONNECTOR - 8 WAYS



AERONAUTICS **SPACE**

ATYS™
ER CONNECTORS

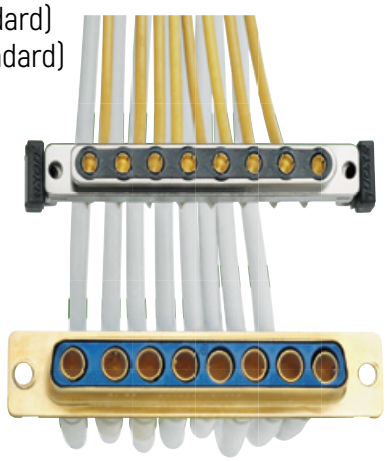
VERSATYS™ OUTBESTS D-SUB CONNECTORS

CHARACTERISTICS	DISMOUNTABLE VERSATYS™ 8 WAYS	D-SUB 8W8 8 WAYS	VERSATYS™ VERSUS D-SUB™
SIZE	60.4 mm * 8.6 mm	69.3 mm * 12.5 mm	40 % smaller
MAX WEIGHT (SHELL + CONTACTS)	16.6 g	29.5 g	40 % lighter US $130 launching costs saved by connector *
DISMOUNTABILITY	Easy and quick No tooling required	Specific tooling needed	2 seconds compared to > 1 minute
LOCKING	Fast locking - just one click	Jackscrew hardware Torque driver required	Less than 4 seconds with D-Click™ system
POWER CONTACTS			
TEMPERATURE	-65°C / + 200°C dismountable version -65°C / +125°C non-dismountable version & PCB	-55°C / +125°C	Greater temperature range
CURRENT	40A per contact, 20A after derating	40A per contact, 20A after derating	Same performance
COAXIAL CONTACTS			
RF PERFORMANCES	ROS 1.25 @ 40GHz	ROS 1.4 @ 1 GHz	Higher performance

* Launching costs for Ariane 6: US $10/gram

CONSTRUCTION & TECHNICAL CHARACTERISTICS

- ESCC 3401/092 - 093 - 094 (QPL pending).
- Based on **Micro-D** connector technology (MIL-DTL-83513 and ESCC3401 029).
- A large number of combinations with power contacts: plug or receptacle shells, pigtails and PCB versions (CBR/BS).
- Dismountable or potted versions, depending on the application.
- Fast locking or standard hardware, depending on the application.
- Connectors available in 4, 6 or 8 ways - other ways on request.
- Power contacts:
  - size 12 power contact compatible with 12AWG, 14AWG, 16AWG wires (ESCC, MIL standard)
  - size 16 power contact, compatible with 16AWG, 18AWG, 20AWG wires (ESCC, MIL standard) please contact us.
- Size 12 coax contact compatible with **axowave**® coaxial cables (X25SK/A086).
- Several versions available:
  - dismountable version: MMCA reference,
  - non dismountable version: MMC reference,
  - space dismountable version: ESCC3401 093 and ESCC 3401 094,
  - space non dismountable version: ESCC3401 092.
- Vibration: 20 g.
- Shocks: 50 g



axon'

INTERNATIONAL PRESENCE

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LET'S CONNECT



Axon' Cable is a global leader in the design and manufacture of high-performance interconnect solutions for a wide range of industries, including aerospace, defence, medical, and industrial markets. Since 1965, Axon' Cable has established itself as a trusted partner to its customers by providing innovative solutions that meet their most demanding requirements. From custom-designed cables and connectors to cable assemblies and harnesses, Axon Cable's expertise and state-of-the-art manufacturing facilities enable it to deliver reliable, high-quality products that are optimized for perfor-mance and reliability. With a commitment to excellence and a focus on customer satisfaction, Axon Cable is dedicated to driving innovation and advancing the state-of-the-art in interconnect technology.

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