

Connector box with one inlet and four outlets

Article Overview

A connector box with one inlet and four outlets is available for electrical, plumbing, and specialized system applications, providing a centralized point to distribute power, water, or other fluids efficiently.

Electrical Junction Boxes

For electrical applications, a 1-gang metal weatherproof outlet box can serve as a connector with one inlet and four outlets. These boxes are typically made of die-cast metal, powder-coated for corrosion resistance, and suitable for wet, damp, or dry locations. They feature four 1/2 -inch access holes, threaded knock-outs for unused ports, and pre-installed ground screws. They are ideal for outdoor power distribution, mounting receptacles, switches, or lighting systems, and are compatible with metal tubing conduits. These boxes are NEMA 3R rated and designed to prevent moisture ingress while allowing future expansion .

Plumbing Manifolds

In plumbing systems, a manifold like the Giacomini GZ152-2 provides one inlet and four outlets, allowing water or other fluids to be distributed to multiple lines from a single source. These manifolds are commonly used in residential or commercial plumbing setups to simplify piping layouts and improve system efficiency .

Specialized Applications

For aquatic or pond systems, the EasyPro UJ4B Four Outlet Junction Box features a 1-inch inlet and four outlets, constructed from durable bronze to withstand water pressure and environmental exposure. This type of box allows multiple components, such as fountains or pumps, to be connected securely in a single system, ensuring reliable operation .

Key Considerations

- o Material: Choose metal, bronze, or corrosion-resistant plastic depending on the environment.
- o Application: Electrical, plumbing, or specialized systems like water features.
- o Ingress Protection: For outdoor or wet environments, ensure the box is weatherproof or NEMA-rated.
- o Future Expansion: Boxes with multiple outlets allow easy addition of devices or lines.
- o Compatibility: Verify inlet and outlet sizes match your conduit, pipe, or tubing requirements. These connector boxes streamline distribution, improve safety, and reduce clutter by centralizing connections in one accessible location.



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This outlet box will be used outside and I like the construction of it. The box itself is lightweight and has mounting holes on the back.

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