

TECHNOLOGY OVERVIEW

Elastimold® 600 amp dual-port elbow connector

Top reasons to choose a dual-port over a traditional single-port elbow



Elastimold dual-port elbow with voltage sensor in top port and Veri-Spike® grounding aid in bottom port

Protect your crews and equipment without using more space in your cabinet. With Elastimold dual-port elbows, you can fit double the number of cable accessories — even in cramped enclosures. Do more in less space with Elastimold.



- 1 Help protect your linemen with critical safety devices.**
Use either port on the dual-port elbow to add a grounding and/or spiking device. The Elastimold GAD and Veri-Spike® grounding aid devices make it easy for your crews to verify that the system is de-energized before they perform any maintenance work, adding an extra measure of safety.
- 2 Protect your equipment with surge arresters.**
Everyone understands the need for surge arresters on overhead distribution lines, but did you know that the let-through surge from riser-pole arresters into underground systems can be enough to damage aging equipment insulation? For maximum protection of pad-mount transformers and underground distribution systems, use the extra port on a dual-port elbow to install an Elastimold shielded surge arrester.

- 3 Smarten up your share of the grid with voltage sensors.**
The dual-port elbow can also serve as a smart-grid enabler, allowing for connection of an Elastimold resistive voltage sensor in its top port. Available in 15 kV, 25 kV and 35 kV classes, the voltage sensor comes in a unique dead-front package with IEEE 386 standard, 600 A dead-break plug interface and 200 A load-break tap.
- 4 Give yourself flexibility for the future.**
Even if you're not certain what you want to do with the extra port on an Elastimold dual-port elbow right now, it can still be a smart investment for the future. You can order the elbow with an insulating plug for the second port and add accessories later. The IEEE 386-compliant dual-port elbow can be used directly with 600 amp accessories and can accept a reducing tap plug for use with 200 amp accessories, making it ready to handle a variety of needs that may arise down the road.

FAQs

Q: Can this product help when the feeder cable length is insufficient for repair?

A: The dual-port elbow offers an innovative solution to this challenge. With its design extending 4 inches longer than the standard 600 series elbow, it effectively addresses the issue, potentially eliminating the need for the labor-intensive task of feeder cable replacement. This enhancement offers greater convenience and efficiency for your operations.

Q: If I am working in confined spaces, how can this product assist me in adding accessories to the circuit?

A: Using the extra port for another accessory without increasing stack height or requiring the installation of an additional elbow is particularly advantageous in confined spaces. This design feature not only maximizes efficiency but also simplifies the process of integrating new components into the circuit. By minimizing the need for extra fittings and reducing spatial constraints, it ensures a streamlined and effective solution for your operational needs.

Q: In what ways does this product enhance the safety of my system?

A: The dual-port elbow can enhance circuit safety by enabling the integration of products such as surge arresters, grounding aid devices and voltage sensors in areas where no port was previously available. This capability provides robust protection for both personnel and equipment against electrical surges and faults, without increasing the overall footprint of the installation. By incorporating these safety features, the dual-port elbow helps ensure a more secure and efficient operational environment.



Dual-port elbow



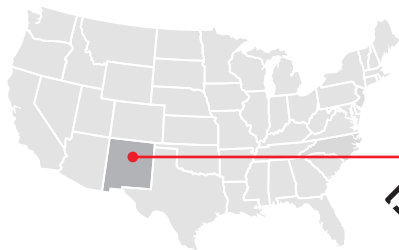
Dual-port elbow with GAD grounding aid device



Dual-port elbow with shielded surge arrester



Dual-port elbow with voltage sensor



Elastimold dual-port elbow connectors are designed, assembled, tested and shipped from Albuquerque, New Mexico, USA.

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