

Multimode optical cable welding head



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Single mode lasers are better for micro welding applications that demand increased precision like battery tab welding, while multimode lasers are ideal for larger workpieces that need to ...



The beam is produced by a laser source and delivered through a fiber optic cable to the welding head. This method is especially effective for welding thin or delicate materials, and it can also produce ...



Its lightweight modular design, cartridge style lens holders, and compatibility with most high power fiber lasers make this welding head versatile and easy to maintain and service in the field.



The laser welding head focuses a high-intensity laser beam onto the workpiece to join two or more pieces of metal together. It's highly precise and efficient, widely used in many industries such as ...



The fiber laser's high beam quality and the single and multi mode options enable efficient welding of many materials and applications. The flexibility of implementation along with the low cost of ...



Designed to provide the highest power handling in the industry in a completely sealed and lightweight package, wobble welding heads offer improved weld quality, wider process parameters for part gaps ...



Designed to complement the full range of industrial fiber lasers, these welding heads deliver both speed and accuracy, helping manufacturers meet the demands of high-volume production without ...



Engineered for harsh production welding applications, FiberWELD® is a robust head with all internal wiring and simplified plumbing of coolant and gases.



Build the exact welding head you need from this modular system offering numerous options for collimating and focusing optics, vision, shield gas delivery, and more.



Designed to complement the industry's broadest range of industrial fiber lasers, IPG laser welding heads offer optimal performance across a variety of welding applications. A modular design enables ...

Contact Us

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