

Fiber optic array dispensing techniques



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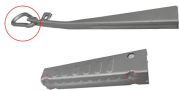
Securing fiber optic connectors with epoxy is a critical step of the connector termination process. Any mistake with storing, mixing, dispensing, or curing of the epoxy, could adversely affect a connector's ...



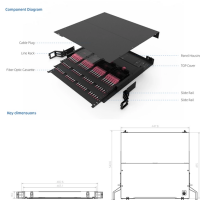
In this post, we explore the evolution of photonics alignment - from early manual single-fiber setups to today's fully automated FAU (Fiber Array Unit) alignment systems.



SCI's unique winding techniques allow for a full range of trouble-free payout speeds, from slow to supersonic and everything in between. That makes SCI's dispensers the perfect choice for any ...



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SCI's fiber optic dispensers have been used in a wide range of military and civilian applications that require flawless payout and performance. SCI's unique winding techniques allow for a full range of ...



Aligning optical fiber arrays to integrated photonic circuits (PIC) or waveguides quickly and with minimum signal loss is crucial for meeting the demands of the photonics industry.



In the article below, we review the objectives of epoxy dispensing. The primary objective of a dispensing system is to inject a consistent and controllable amount of adhesive into the ferrule ...



The compact and effective automatic dispensing robot FDR-300 is used in a mass production of fiber optic assemblies where accuracy and repeatability is a must. This coordinate robot is designed to ...



WOP solution enables reaching excellent precision results in optical fiber alignment array fabrication - the crucial component in optical communication systems - resulting in low-loss, high-speed, large ...



With its high degree of intelligence, the SmartDispenser ® - is able to supply the precise amount of epoxy to each fiber optic connector, guaranteeing exact replication.



Fiber optic and photonic manufacturers know it is critical to control precise dispense amounts. That is why major manufacturers use Fishman's AirFree ® fiber optic dispensing systems to increase yields.

Contact Us

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