Optics & Photonics

Indzawo Optic Connect

High optical power of the beam splitter

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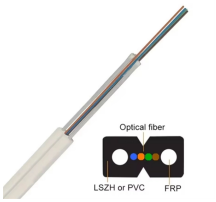
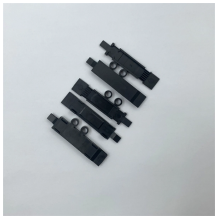
	The LBS-300HP-NIR uses specially treated material that provides extremely low reflection and high laser damage threshold, enabling beam attenuation by around a million times while keeping all beam ...
	The LBS-300HP-NIR uses specially treated material that provides extremely low reflection and high laser damage threshold, enabling beam attenuation by around ...
	The high-power Polarizing Cube Beam Splitter (PBS) is based on optical bonding technology, featuring a laser damage threshold of up to 15 J/cm².
	Polarization beam splitter specially designed for pulsed lasers such as Nd-YAG lasers and Yb lasers. High Power Polarizing Beamsplitters have more laser durability compared to our standard Polarizing ...
	Generally, cube beam splitters cannot tolerate a high optical powers as plate beam splitters, although optically contacted cubes can also exhibit substantial power handling capabilities.

To reduce loss of light due to absorption by the reflective coating, so-called "Swiss-cheese" beam-splitter mirrors have been used. Originally, these were sheets of highly polished metal perforated with ...

Spectral Products'' exclusive high power Variable Beam Splitter / Attenuator (VBSA) can be designed with no optical coatings over the entrance and exit apertures for use in very high power laser ...

Both 1XN and 2XN splitters can be constructed in this fashion with as many as eight or more outputs, with both low return losses and low insertion losses. This design is extremely flexible, allowing one to ...

These cubes offer equal optical path lengths for both transmitted and reflected beams and are known for their robustness and ease of integration into optical systems. Explore our selection of Polarizing ...

High power beam splitters for laser systems. Improve control and performance with expert-engineered optics from Blue Ridge Optics.

Foctek is specialized in producing High Power PBS with its special optical Bonding technique. Compare to traditional PBS (Epoxy Cemented), the PBS has features of high damaged threshold, Epoxy free, ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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