Fiber Optic Directional Coupler

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Fiber Optic Directional Coupler

	Our SM and double-clad fiber coupler offerings also include a selection of components ideal for OCT applications.
	The most common operating principle of a directional fiber coupler is evanescent wave coupling in a configuration where two fiber cores come close to each other.
	Directional Couplers from Pasternack Enterprises ship same day. Pasternack Directional Couplers are part of over 30,000 RF, microwave and fiber optics products available for same day shipment.
	Directional couplers are multiple-waveguide couplers used for codirectional coupling. They can be used in many different applications, including power splitters, optical switches, wavelength filters, and ...
	A fiber variable ratio coupler, also known as tunable directional coupler (FTDC) has an all-fiber construction and provides the tuning range of 0 – 100 % coupling ratio with negligible optical loss.

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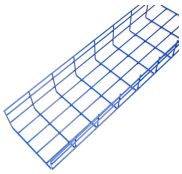
	As the core functional unit of optoelectronic systems, fiber directional couplers are used in three major fields: communication, sensing, and precision measurement.
	A low-loss compact single-mode fiber optical directional coupler (SMF-ODC) is developed for use in SMF reflectometers or gyroscopes. The SMF-ODC is made of two sapphire ball lenses, a half-mirror, ...
	An optical directional coupler is one of the most basic inline fiber-optic components, often used to split and combine optical signals, or tap-off a small portion of the optical power for monitoring.
	Newport''s Fiber Optic Coupler family has been developed using fused fiber technology. These multimode fiber optic couplers allow bi-directional coupling and can be used to either split or combine ...
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