

Abstracts

An Analysis of Nonreciprocal Light Coupler

I. Awai, S.-I. Miyazaki and J.-I. Ikenoue. "An Analysis of Nonreciprocal Light Coupler." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 464-466.

A nonreciprocal light coupler without anisotropic crystal is analysed. An oblique magnetic field application causes nonreciprocal coupling between two dielectric waveguides through the magneto-optical medium between the guides. In principle, an optical isolator may be realizable which is tunable after fabrication.

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