

Abstracts

Single-Mode Fiber Connector Using Core-Centered Ferrules

G.-D. Khoe and J.H.F.M. Van Leest. "Single-Mode Fiber Connector Using Core-Centered Ferrules." 1982 Transactions on Microwave Theory and Techniques 30.10 (Oct. 1982 [T-MTT] (Special Issue on Optical Guided Wave Technology)): 1561-1568.

Fiber connectors using single-mode fibers have been fabricated with an average connection loss of 0.32 dB without index matching. All dimensions of the connector parts, including those of the ferrules and fibers require only low precision. A special lathe is used, in a simple operation, to eliminate the errors of the ferrule-terminated fiber assembly.

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