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By Acoustic Coupling And Cavity Temperature Variations, Each Of Which Can Change The Cavity Length. It Is Also Affected By Electrical Noise Coupling, Which Causes Changes In The Index Of Refraction Of The Diode And In The Piezo Length (also Frequency, Hz-50.0 DB-55.0-60.0-65.0-70.0-75.0-80.0-85.0-90.0 1th, 2024

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Optical Signal At Final ITU +/- ~10 GHz Count SwitchingTime (ns) Current Source Rise Time Can Be Designed For Application. Inherent Laser Limit Is In ~ 2-10 Ns Range. Thermal Transients Can Complicate Rapid Switching. 0 102030405060708090 100 Switching Time = 10 Ns Time (ns) Light Powe 2th, 2024

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