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CWDM & DWDM

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Loss (dB)/km Vs. Wavelength Fiber Attenuation Varies With Wavelength DWDM L-band 800 900 1000 1100 1200 1300 1400 1500 1600 Wavelength In Nanometers (nm) 0.2 DB/Km 0.5 DB/Km 2.0 DB/Km DWDM C-Band C-band:1530–15 Feb 14th, 2024

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S ROBINSON Et Al.: INVESTIGATION ON HYBRID WDM (DWDM+CWDM) FREE SPACE OPTICAL COMMUNICATION SYSTEM 1190 (a) (b) Fig.4. (a) BER Vs Distance (b) BER Vs Received Power For CWDM System At Very Clear Condition Table.2. Maximum Link Range Of P May 4th, 2024

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Dense Wave Division Multiplexing (DWDM) ITU Grid: C -Band, 100 GHz Spacing . Channel (#) Frequency (GHz) Wavelength (nm) Channel (#) Frequency (GHz) Wavelength (nm) 1 190100 1577.03 37 193700 1547.72 2 190200 1576.03 38 193800 1546.92 3 190300 157 Jan 10th, 2024

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