

## **LASER COMMUNICATION SYSTEM**

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### **ABSTRACT**

Laser communication is one of the key area in wireless Communications. This paper includes analysis, optimization, design and system level development of signal transformation between satellites or any two sources. Which work similarly to fiber optic links, except the beam is transmitted through free space. While the transmitter and receiver must require line-of-sight conditions, they have the benefit of eliminating the need for broadcast rights and buried cables. Laser communications systems can be easily deployed since they are inexpensive, small, low power and do not require any radio interference studies.

**KEYWORDS:** Wireless Communication System, Laser Communication, Audio Amplifier LM386