

Moving Target Indicators

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LEDs vs Laser Diodes for short-range communication

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- The problem with LED is *low modulation rate!*
- While laser diodes have reached to tens of Gbps, commercial DH-LED (double heterostructure) is still limited at 100 Mbps.

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But these techniques are *highly complex* compared to the simple on-off keying (OOK) direct modulation scheme.

References

References

- Merrill I. Skolnik, *"Introduction to Radar Systems"*, McGraw-Hill, 2001.