

24.10.2013 / T. Tuuva

BM30A0601 Optoelectronics

Calculator is allowed, but no other material. You can also answer in Finnish.

1. Explain Snell's Law and Total Internal Reflection (TIR)
2. Describe operation of the Dielectric mirrors.
3. What is causing the signal loss in an optical fiber?
4. What are the different noise sources in a photo diode?