

Base de Conhecimento > Products > Classic Switches > Some datasheets/information about F/O singlemode products name a wavelength value of 1300 nm some others 1310 nm. Are such products compatible?

---

Some datasheets/information about F/O singlemode products name a wavelength value of 1300 nm some others 1310 nm. Are such products compatible?

- 2018-02-09 - Classic Switches

Short answer: both types are fully compatible.

Long answer:

both types use the same diodes, i.e. the value of the wavelength is identical, but in documents you'll find either the precise value of 1310 nm or a rounded down value of 1300 nm. Even if - by manufacturing tolerances - the real values vary, this doesn't matter, because the receiving diodes have a "broadband" sensitivity, such that there is no difference at all.