

ModBox

Short description : The ModBox-AN-1550nm-1310nm-40GHz-Rx integrates :

- a chirp free and high bandwidth X-cut LiNbO₃ Mach-Zehnder modulator
- a modulator bias controller to lock the modulator in quadrature mode and guarantee a highly stable output signal
- an optimised analogue driver amplifier with minimum 40 GHz bandwidth with gain control
- two DFB lasers at 1310 nm (15 mW) and 1550 nm (100mW)
- one high bandwidth photodetector (up to 50 GHz) with high sensitivity at both 1550 nm and 1310 nm windows



With the support of :



Localisation : WCRC07

Personne(s) ressource(s) :

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