



ModBox-NRZ **ModBox-Stress-Eye** **ModBox-VNA**

New Photline ModBox-NRZ with Extinction Ratio Variable

The ModBox NRZ includes New ModBox-850nm-NRZ and ModBox-OBand-NRZ, this makes appear the new VER (Variable Extinction ratio) option, to provide the flexibility of adjusting the extinction ratio for vertical eye closure (VER option). This NRZ ModBox serie offers Very High Quality and Robust Eye Diagrams up to 50 Gb/s !

New Photline ModBox-OBand-NRZ with Stress Eye

The O-Band Stress-Eye ModBox is compliant with the Compliant IEEE 802.3 standard to provide an independent solution for tunable stress magnitudes in both horizontal (time) and vertical (optical power) eye axis (Stressed Eye) with independently the flexibility of adjusting the extinction ratio for vertical eye closure.

New Photline ModBox-VNA

The ModBox-VNA is a family of wide bandwidth up to 65 GHz Optical Transmitters designed to extend Vectorial Network Analyzers applications into the optical domain at 850nm, in the O and C Bands. When associated with a Vectorial Network Analyzer, they make up a high performance and easy to use test equipment for the characterization of photoreceivers or any high speed optoelectronic device.

About iXBlue-Photonics

iXBlue-Photonics is a division of iXblue and associated to Photline and iXFiber products portfolio. iXBlue-Photonics is a supplier of optical modulation solutions based lithium niobate (LiNbO₃) modulators, matching RF electronic modules (RF drivers), Modulation Unit (ModBox), fibers and FBGs. iXblue-Photonics focuses on the markets of telecommunication, defense and aerospace, sensing and instruments, fiber lasers and research.

About iXBlue

iXBlue is an independent industrial worldwide group well-known for Its innovative technology used for navigation, positioning, sub-sea imaging, ocean and land exploration. iXBlue designs, develops and manufactures components, equipments, integrated systems and solutions for civil and military industries, oceanology, aeronautics, spatial and photonic industries. iXBlue photonics products portfolio includes optical modulation solutions, specialty fibers and Bragg gratings based components for the markets of telecommunication, defense and aerospace, sensing and instruments, fiber lasers and research. iXBlue is present throughout the world, has a growth rate of 20%, employs 550 people and turns over \$ 120 M of which 80% is for export.