

Congo Light Transmitter NRZ

TRANSMITTER UNIT (HANDHELD) Output - Default HF:1 (2.410 GHz) with 11 additional HF: channels available (2.410GHz - 2.465 GHz). 99 Network IDs available per channel.

The optical MZM (Mach-Zehnder Modulator) transmitter is a high performance modulation evaluation unit that allows user to produce optical signals with complex modulation schemes (NRZ, OOK, PSK).

A simulation of a WDM system for visible light communications (VLC) in an outdoor environment was conducted using two distinct modulation techniques: RZ-OOK and NRZ-OOK.

Congo jr and Congo Light Server powered by Cobalt are offered as a base console/unit with 5000 control channels and 1,024 outputs (2 universes of DMX512A). A single control channel may control ...

Transmitter's optical spectra for the modulations: NRZ (top left), RZ (top right), CRZ (bottom left), and CSRZ (bottom right). This paper is focused on benefits and limits of intensity and...

Fabricated in a 28 nm CMOS process with a core area of 0.032 mm², the prototype NRZ transmitter demonstrates an energy efficiency of 0.42 pJ/b at a data rate of 50 Gb/s with an insertion ...

Serializing data by a factor of 128 and including an on-chip phase-locked loop, the transmitter is realized in 45-nm CMOS technology and delivers a differential output swing of 460 mV_{pp}.

This small, hand-held transmitter unit with built-in display and encoders provides access to frequently used commands for dimmer and channel checks as well as all moving-light manual controls.

The NRZ transmitter module consists of InP Mach Zehnder Modulator and conventional Distributed Feed-Back (DFB) laser. The modulation signal is applied to the integrated MZM modulator while the ...

Compliance Halogen Free(Br<900ppm,Cl<900ppm,Br+Cl<1500ppm). The opto-electrical component is assembled with a 660nm AlGaInP LED and a driver IC. It transforms the electrical signal to optical ...

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