

The main fridge we bought three years ago for down here had the ice maker die a month ago. Hubby bought a new kit or whatever and fixed it. Fridge in Roanoke that was four years old died ...

In this paper, we experimentally investigate the chirping properties of a silicon RRM by measuring the variations of the amplitude and phase of the electric field at its output using a coherent detection ...

Chirp occurs when directly driving a laser, the change in carrier density changes the effective index of refraction, and thus the oscillation optical frequency This can be interpreted as a bit-synchronous ...

The effect of chirp can be reduced by using external modulators. When the modulator pulses the laser, a difference in the refractive index of the laser output can cause a chirp in a WDM ...

Modulation chirp refers to the frequency modulation that occurs when an optical transmitter is intensity modulated, which typically broadens the spectral bandwidth of the modulated ...

Thanks for the link hoi toide. It's good information to collect (and cheaper than sending people out to take the picture), regardless of what they want to call it. I'm not a fan of the "king tide" ...

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There are several techniques available to characterize modulation-induced frequency chirp in optical transmitters. The often-used techniques include modulation spectral measurement, ...

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Modulator's chirp factor and chromatic dispersion of the fiber are two of the parameters responsible for setting an upper limit of the fiber-optic system performance.

We have demonstrated a sensitive chirp monitoring technique appropriate for digital data modulation without the need for a spectrometer. The technique allowed us to study the operation of a modulator ...

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The frequency chirping properties of a silicon ring resonator modulator are experimentally investigated and

compared to a numerical model. The influence of the wavelength detuning and the modulation ...

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Similar to direct modulation, MZ modulators also suffers chirping, where the chirp-like spectral broadening occurs in an external modulation technique. One possible cause is the wavelength...

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