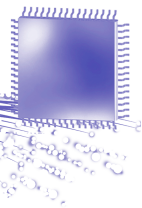




FIBER INNOVATIONS FROM MAXIM



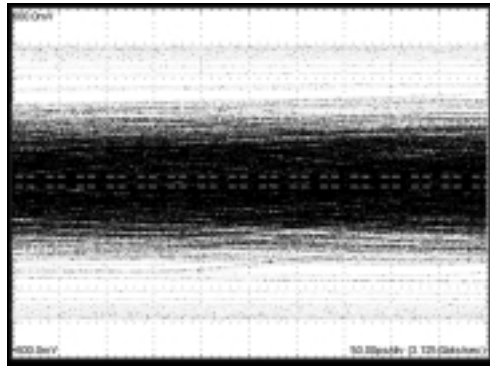
WORLD'S FIRST 3.2Gbps ADAPTIVE CABLE EQUALIZER/DRIVER

Transmit 3.2Gbps Data Over 30 Meters of Copper Cable

The MAX3800 enables low-cost system interconnections at data rates up to 3.2Gbps. It automatically adjusts to attenuation caused by skin effect losses of up to 30dB at 1.6GHz. It makes inexpensive (<\$1.50/meter) cables viable interconnect solutions. This device features a CML cable driver, adaptive cable equalizer, loss-of-signal indicator, cable length integrity monitor, and on-chip terminations. All this can be achieved with only 200mW of power consumption at 3.3V.

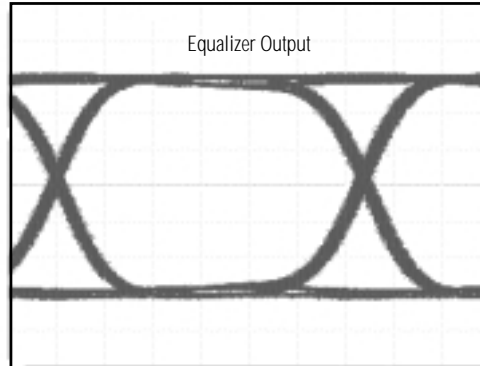
30dB EQUALIZER ALLOWS LOW-COST 3.2Gbps DATA TRANSMISSION!

3.2Gbps EQUALIZER INPUT FROM
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50ps/div

3.2Gbps MAX3800
OUTPUT



50ps/div

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