

### SB10: Centellax TG1B1-A Optical Fiber Test Setup

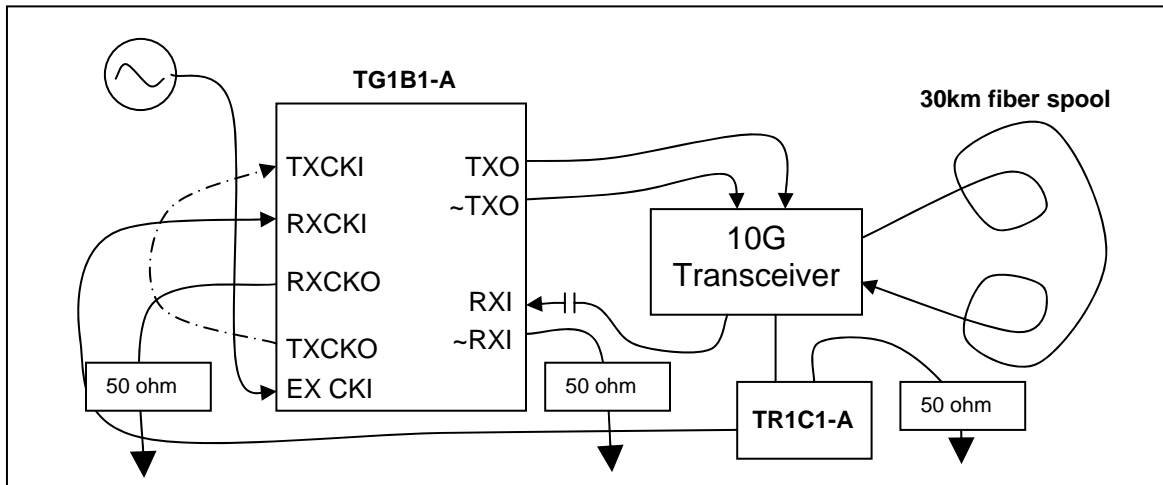


Fig 4. Optical Loop Setup Using External Clock Source

TG1B1-A has an internal clock source, operates from 9.85 to 11.25GHz. In order to use TG1B1-A in any data rate outside of that range should be used with an external clock source as shown in Figure 4.

When used with an external clock source, you should change the clock synthesizer source setup under configuration state. By pushing down on scroll down button, go through the display until you see 'SYNTH 0.' Change this to 'SYNTH 1' by pressing 'config state + button.' This properly switches TG1B1-A clock mode to accept the external clock source.