

OEM daughter card for system integration

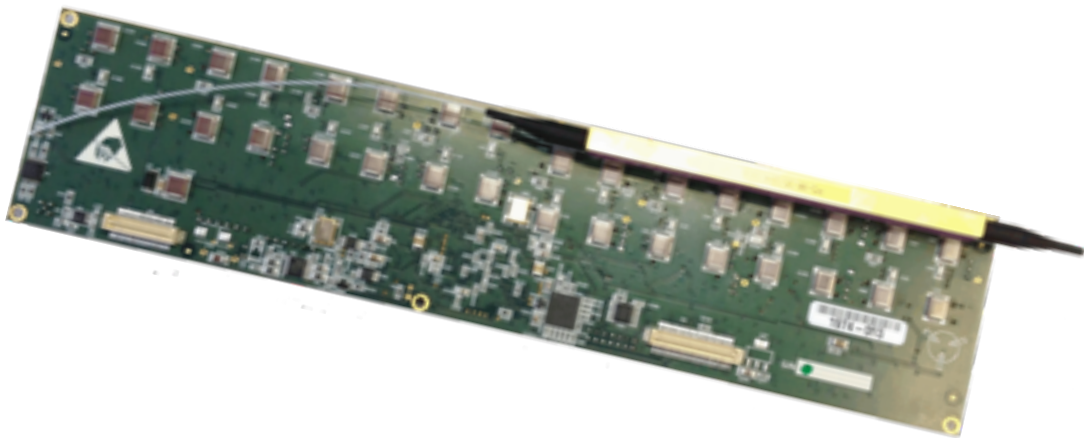
Very fast and reliable polarization tracking

Analog or digital feedback signaling

Tracks to maximize or minimize feedback signal

Coherent detection

Custom footprint, features & applications possible





Polarization Control Card

NRT-250

Key specifications

Insertion loss	< 3 dB
Tracking speed¹	~ 10 microseconds
PDL	< 0.2 dB
Optical Return loss	> 50 dB
Operation wavelength	1.55 μm (C and L bands), 1.3 μm , 1.064 μm
Optical Connectors	FC, SC and LC in APC or UPC
Power Supply	± 65 VCD, ± 5 VDC, +3.3VDC (<5 W total)
Communications	RS-232 monitor points
PCBA Dimensions²	H=2.5" (63.5 mm), W=10.0" (254 mm)
<small>1. This speed is feedback/update algorithm loop time based on reading A/DCs and DSP speed and updating polarization controller voltages. The feedback signal level and customization of the algorithm may slow system response. 2. Custom PCB sizes available for NRE charge</small>	

For more information contact us: NRT3000@newridgetech.com or call: +1-410-753-3055