



BS-FL5x is a series of single-axis medium and low precision fiber optic gyroscope

- Fast start-up
- Wide measurement range
- High reliability

The series includes three models:

- BS-FL5A-5-D1EC
- BS-FL5B-5-D1EC
- BS-FL5C-5-D1EC

	BS-FL5A-5-D1EC	BS-FL5B-5-D1EC	BS-FL5C-5-D1EC	
Zero bias stability $^{\circ}/hr(1\sigma,10s)$	≤ 0.20	≤ 0.10	≤ 0.05	
stability time s	< 10	< 10	< 10	
Zero bias repeatability $^{\circ}/hr(1\sigma)$	≤ 0.30	≤ 0.20	≤ 0.10	
Full temperature zero bias repeatability $^{\circ}/hr$	≤ 0.6	≤ 0.4	≤ 0.3	
random walk coefficient $^{\circ}/\sqrt{hr}$	≤ 0.02	≤ 0.02	≤ 0.01	
Scale factor nonlinearity $ppm(1\sigma)$	≤ 50	≤ 30	≤ 20	
Scale factor repeatability $ppm(1\sigma)$	≤ 50	≤ 30	≤ 30	
dynamic range	$\pm 500^{\circ}/s$			
Magnetic field sensitivity	$\leq 0.05^{\circ}/hr/Gs$			
operation temperature	$-40^{\circ}C \sim +70^{\circ}C$			
storage temperature	$-50^{\circ}C \sim +70^{\circ}C$			
vibration conditions	$4.2g, 20Hz \sim 2000Hz$			

