

Experiment Examples

- 1) Experiment of fundamental knowledge of optical fiber optics
- 2) Experiment of coupling method between optical fiber and light source
- 3) Multimode fiber numerical aperture (NA) measurement
- 4) Optical fiber transmission loss property and measurement
- 5) M-Z optical fiber interference experiment
- 6) Optical fiber thermal sensing principle
- 7) Optical fiber pressure sensing principle
- 8) Optical fiber beam splitter parameter measurement
- 9) Adjustable optical attenuator and parameter measurement
- 10) Fiber optic isolator and parameter measurement



Parts List

Description	Part No./Specs	Qty
He-Ne Laser	1.5mw	1
Hand held Light Source	1310nm	1
Light Power Meter	SGN-1	1
Handheld Light Power Meter		1
Fiber Interferometer demo		
Optical separator	633nm	1
Temperature Controller		1
Stress Controller		1
5-axis adjusting stage		1
Beam Expander	f = 4.5	1
Fiber Clip		2
Fiber Support		1
White Screen	With cross	1
Laser Holder	LEPO-44	1
Light Target		1
Power Cord		1
Single Mode Beam Splitter	1310nm	1
Optical Isolator	1310nm	1
Variable Optical Attenuator		1
Single Mode Fiber	633nm	2m
Single Mode Fiber	633nm (Fc/Pc)	2m
Multi-mode Fiber	633nm	2m
Fiber	1 km	1
Fiber Patch	1m/3m	4/1
Fiber Stripper		1
Fiber Cleave		1
Flange		5
Tape measure	2 m	1