Devices and equipments

Brand	Model	Properties	Quantity
Anritsu	MS9710B	Optical Spectrum Analyzer (600-1750 nm)	1
Anritsu	MW910C	Optical Time Domain Reflectometer	1
Hewlett Packard	86120B	Multi-Wavelength Meter (700-1650 nm)	1
Hewlett Packard	8155A	Laser Source (1300 nm)	1
Hewlett Packard	8153A	Lightwave Multimeter (450-1700 nm)	1
Hewlett Packard	8145A	Optical Time Domain Reflectometer	1
Santec	TSL-200	Tunable Semiconductor Laser (1500-1580 nm)	1
Newport	Model 525	1A/2.5A Laser Diode Driver	2
Newport	Model 325	Temperature Controller	1
Newport	740 series	Butterfly Laser Diode Driver	2
Newport		Fiber optic PIN Recevier (1 Ghz)	1
Fitel	S176CF	Fusion Splicer	1
Fitel	S323A	Precision Cleaver	1
Avanex	1998PLU	Uncooled Pump Laser	2
Oz Optics	FOS-11-8/25	Fiber optic Stable Source	1
Oz Optics		Optical Power Meter	1
Thorlabs	LNR50K1/M	Translation Stage	1
Thorlabs	BSC101	Precision Motion Controller	1
Thorlabs	LP500P	Laser Diode Driver	1
Tron		Optical Node (1 Ghz)	1
Agilent	DS0-X2002A	Digital Storage Oscilloscope	2
Agilent	U1242A	Multimeter	1
Textronics	TDS 1002	Digital Storage Oscilloscope	2
Shenzhen Mastech	HY3003-3	DC Power Supply	1
GW instek	GFG8255-A	Function generator	1

Passive Components

Brand		Properties	Quantity
Fibercore		Erbium Doped Fiber 50 meter	1
Liekke		Erbium Doped Fiber (Er30) 20 meter	1
Sumitomo Electric		Pureband Low water peak SMF 1099 meter	1
Corning		Multi-mode Fiber (62,5/125 um) 3294 meter	1
Corning		LEAF ITU-T G.655.C 1900 meter	1
Corning		Single Mode Fiber ITU-T G.652.D 1810 meter	1
Domino Electronic		FC/PC MM 62,5/125um 3 meter pigtail	50
Domino Electronic		FC/APC SM 3 meter pigtail	50
Domino Electronic		FC/PC SM 3 meter pigtail	100
Domino Electronic		SC (only ferrule) SM 3 meter pigtail	100
Domino Electronic		2x4 Splitter	1
Thorlabs		2x2 Splitter (90/10)	2
Thorlabs		980/1550 nm WDM Coupler	1
Thorlabs		2x2 Splitter (50/50)	2
HYC System Optoelectronic		1x4 PLC Splitter	1
Senko		1x8 PLC Splitter	1
Oz optics		SM 1525-1620 nm isolator	2
Oz optics		980/C+L Band WDM Coupler	2
Oz optics		2x2 Splitter (90/10)	1
Oz optics		2x2 Splitter (50/50)	1
Oz optics		C Band fiber Bragg Grating Reflector	1
Oz optics		Fiber Optical Variable Attenuator	1
Oz optics		Fiber Optical Polarization Controller	1
Oz optics		Fiber Pigtailed U Bracket, Filter Holder	1
Oz optics		C+L Band Optical Circulator	1
Oz optics		Bare Fiber Adapter	2
JDS Fitel		1520-1567 um Tunable Band Pass Filter	1
Thorlabs		DL6147-040 Laser Diode and mount	1
Thorlabs		L850P010 Laser Diode and mount	1
Thorlabs		L980P010 Laser Diode and mount	1

Software

Optiwave OptiAmplifier 4.0
Thorlabs Translation Stage Controller Interface
EDFA Simulation Software (Designed in Dumlupinar University)
Raman-Amplifier Simulation Software (Designed in Dumlupinar University)