

Name	Type	DCC # / Part #	Serial #	Other data
Laser path				
Laser	Mephisto 1W			
MR1	HR 1064nm	E1000595		
L1	ROC+75mm	E1600300		PLCX-2.5.0/75.0
QWX				ALS spare part# QWP1064 batch (WO12594)
HW1	Zero order HWP 1064nm	E1700045	Type 2	
FI1	EOT		00 08717021	manual
EOM1	New Focus 4004			Broadband IR phase modulator.
BS1	BS, 1064nm, Rp=98%	E1000872v1		
PD1	ThorLabs PDA100A			
L2	ROC+150mm	E1600300		PLCX-2.5.0/150.0
MR2	HR 1064nm	E1000595		
BS2	BS, 1064nm, 50/50	E0900490-V4		
SHG pump path				
SHG	From MIT			pzt
HW9	Zero order HWP 1064nm	E1700045	Type 2	
PBS1	1/2in cube PBS 1064nm	E1700045	Type 1	
MR20	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
MR21	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
MR22	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
L13	ROC+50,	Temporary		ALS/ISC spare AR 532&1064 @ 0deg Laser optik
BS11_A		E0900490_V4		
L14	ROC 46.4 @ 10964	Temporary		PLCX-25.4-46.4_UV_1064 NOT superpolished
SHG Trans.	GigE Camera			
SHG BBPD	BBPD			
Green path				
DS1	Laseroptik dichroic HR 1064nm, HT 532nm	E1600367		Non-Superpolished
DS2	Laseroptik dichroic HR 1064nm, HT 532nm	E1600367		Non-Superpolished
DS3	Laseroptik dichroic HR 1064nm, HT 532nm	E1600367		Non-Superpolished
BG1	BS, 532nm, 95%	E1700173		
PD2	Thorlabs PDA100A			
MG1	HR 532nm	E1700112		
HWG1	Zero order HWP 532nm	E1700045	Type 3	
FI2	EOT			
EOM2	Qubig resonant EOM 80MHz			
L15	ROC+250mm, AR 532+1064	E1600300		PLCX-25.0/250
HWG2	Zero order HWP 532nm	E1700045	Type 3	
PBG1	1/2in cube PBS 532nm			ANU: FS 0.5" AR coated PBS 532: RSPSE 0000012538: ITM3807:WO12231:PBS1005-DY: Date 3/30/2011 (ALS spare)

DC6	SM1PD1A			
MG2	HR 532nm	E1700112		
BG2	BS, 532nm, 95%	E1700173		
DC7	SM1PD1A			
MG3	HR 532nm	E1700112		
QWG1	Motorized zero order QWP 532nm			WPZ10Q-DY (ALS spare)
HWG3	Motorized zero order HWP 532nm	E1700045	Type 3	
MF1	Motorized flipper	MFF101		Mirror HR 532 (E1700112)
POPO (fiberport)	Fiberport	PAF-X-5-A		
POPO (fiber)	In-house fiber	Temporary		TO BE REPLACED
CLF Path				
BS3	BS, 1064nm, R=8%			wedged substrate - side 1: uncoated side 2: AR
L3	ROC+75mm, AR 532+1064	E1600300		PLCX-25.0/75UV
MR3	HR 1064nm	E1000595		
L4	ROC+75mm, AR 532+1064	E1600300		PLCX-25.0/75UV
AOM1		E1600368		
L5	ROC+75mm, AR 532+1064	E1600300		PLCX-25.0/75UV
AOM2		E1600368		
MR4	HR 1064nm	E1000595		
L6	ROC+100mm, AR 532+1064	E1600300		PLCX-25.0/100.0UV
HW3	Motorized zero order HWP 1064nm	E1700045	Type 2	TO BE INSTALLED
PBS5	1/2in cube PBS 1064nm	E1700045-T1		
DC4	SM1PD1A	E1300310		
HW4	Motorized zero order HWP 1064nm	E1700045	Type 2	TO BE INSTALLED
BS6	BS, 1064nm, R = 95%	E1000871-V1		
DC4	SM1PD1A	E1300310		
MR5	HR 1064nm	E1000595		
QW1	Motorized zero order QWP 1064nm			TO BE INSTALLED
MF3	Motorized flipper	MFF101		
COPO (fiberport)	Fiberport	PAF-X-5-C		
COPO (fiber)	In-house fiber			
Seed path				
HW2	Zero order HWP 1064nm	E1700045	Type 2	
PBS2	1/2in cube PBS 1064nm	E1700045	Type 1	
QW2	Zero order QWP 1064nm			(WO12534) (ALS spare)
PZT1 (PZT)	Noliac PZT	E1700209		Noliac NAC-2122-H14-A01
PZT1 (mirror)	1/2in normal incidence 1064nm	E1700201		
PZT1 (base)	Machined aluminum block	D1700434		
L7	ROC+75mm, AR 532+1064	E1600300		PLCX-25.0/75UV

MR6	HR 1064nm			ALS/ISC spare Non superpolished mirror (W0120128)
BS7	BS, 1064nm, R=98%	E1000872_V1		Yet to be installed
DC5	SM1PD1A	E1300310		
L8	ROC+75mm, AR 532+1064	E1600300		PLCX-25.0/75UV
MR7	HR 1064nm			ALS/ISC spare Non superpolished mirror (W0120128)
MF4	Motorized flipper	MFF101		ALS/ISC spare Non superpolished mirror (W012534)
SOPO (fiberport)	Fiberport	PAF-X-5-C		
SOPO (fiber)	In-house fiber	Temporary		Permanent fiber still to arrive.
PSL Path				
BS4	BS, 1064nm, R=8%			wedged substrate - side 1: uncoated side 2: AR (superpolished)
BS11	BS, 1064nm, 50/50	E0900490_V4		
MR8	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
MR9	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
L9	ROC+100mm, AR 532+1064	E1000300		PLCX-25.0/100.0UV
BS5	BS, 1064nm, R=8%			wedged substrate - side 1: uncoated side 2: AR (Replaced 5:95 BS that are unavailable)
MR17->BS_X1	BS 50/50 @ 1064			Changed to adjust power level on detector
BS9	BS, 1064nm, 50/50	E0900490		
FSS1 1611	New Focus 1611 PD	1611FS-AC		
L12	ROC+100mm, AR 532+1064			REMOVED (for better mode overlap on the TTFSS beat note detector)
BS8	BS, 1064nm, 8:92			Changed from Rp=98% to wedged substrate - side 1: uncoated side 2: AR superpolished (to increase power on DC1)
DC1	SM1PD1A	E1300310		
PBS4	1/2in cube PBS 1064nm	E1700045		Type 1
DC2	SM1PD1A	E1300310		
MR18	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
MR19	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
HW8	Motorized zero order HWP 1064nm			TO BE INSTALLED
QW4	Motorized zero order QWP 1064nm			TO BE INSTALLED
HW7	Motorized zero order HWP 1064nm	E1700045		LAMBDA WPO-25.4-CQ-0-2-1064
PSL	Fiberport	PAF-X-5-C		
PSL fiber	ThorLabs fiber			
LO Path				
MR10	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
MR11 flip	HR 1064nm	Temporary		ALS/ISC spare Non superpolished mirror (W0120128)
HW5	Zero order HWP 1064nm	E1700045	Type 2	
L10	ROC +150	E1600300		PLCX-25.0/150UV
PBS3	1/2in cube PBS 1064nm	Temporary?		(W010785)
QW3	Zero order QWP 1064nm	Temporary		(WPZ10Q-FY)
PZT2 (PZT)	Noliac PZT	E1700209		Noliac NAC-2122-H14-A01
PZT2 (mirror)	1/2in normal incidence 1064nm	E1700201		
PZT2 (base)	Machined aluminum block	D1700434		

BS10	BS, 1064nm, 95:5 @ 1064	E1000871_V1		
DC8	SM1PD1A	E1300310		
MR15	HR 1064nm	Temporary?		ALS/ISC spare Non superpolished mirror (W0120128)
MR16	HR 1064nm	Temporary?		ALS/ISC spare Non superpolished mirror (W0120128)
MF2	Motorized flipper	MFF101		Non superpolished optic HR@1064 @ 45 deg (W012018)
LO (fiberport)	Fiberport	PAF-X-5-C		
LO (fiber)	ThorLabs fiber	Temporary		Patch cable to arrive
PSL LO Path				
PSLLO	Fiberport	PAF-X-5-C		
PSLLO	ThorLabs fiber			
L11	ROC+150mm, AR 532+1064	E1000300		PLCX-25.0/150.0UV
MR14	HR 1064nm @ 45 deg	Temporary ?		ALS/ISC spare Non superpolished mirror (W0120128)
MR13	HR 1064nm @ 45 deg	Temporary ?		ALS/ISC spare Non superpolished mirror (W0120128)
MR12	HR 1064nm @ 45 deg	Temporary ?		ALS/ISC spare Non superpolished mirror (W0120128)
QW5	Zero order QWP 1064nm			Yet to be installed
HW6	Zero order HWP 1064nm	E1700045	Type 2	Yet to be installed
LO (fiberport)	Fiberport	PAF-X-5-C		
LO (fiber)	ThorLabs fiber	Temporary		Patch cable to arrive