

ULTRA-SPEC

Component weights and Reference Drawing No's

Structure

ULT-SPEC-006	Lens Barrel 1 Assembly	00.19 kg	1 off
ULT-SPEC-007	Lens Barrel 2 Assembly	02.54 Kg	1 off
ULT-SPEC-008	Lens Barrel 3 Assembly	03.37 Kg	1 off
ULT-SPEC-012	U/Block Halve Cam Side	02.94 kg	1 off
ULT-SPEC-013	U/Block Halve Tele Side	02.71 kg	1 off
ULT-SPEC-015	Cube Mounting Plate	13.95 Kg	1 off
ULT-SPEC-016	Cube Mounting Plate		
ULT-SPEC-017	Cryostat Mounting Plate	08.22 kg	1 off
ULT-SPEC-018 A	Cube Isolator Flange	00.65 kg	1 off
ULT-SPEC-018 B	Cryostat Back Flange	01.06 kg	1 off
ULT-SPEC-018 C	Lens Support Flange	00.40 kg	2 off
ULT-SPEC-018 D	Cryostat Back Flange Clamp	00.05 kg	8 off
ULT-SPEC-019 A	CCD Top Clamp	00.16 kg	2 off
ULT-SPEC-019 B	CCD Bottom Clamp	00.18 kg	2 off
ULT-SPEC-019 C	CCD Clamp Support	00.13 kg	2 off
	Filter Wheel Base	00.18 kg	1 off
	Filter Wheel Side Plate	00.14 kg	1 off
	Filter Wheel Side Plate Relief	00.14 kg	1 off
	Filter Wheel Stop	00.02 kg	1 off
	Filter Wheel Strut	00.16 kg	1 off
	Brace Foot	00.17 kg	8 off
	Brace Socket	00.31 kg	12 off
	Brace Ball	00.45 kg	12 off
	Ball/Socket Lock Ring	00.11 kg	12 off
	Ball/Socket Lock Nut	00.04 kg	12 off
	Brace M20 Insert	00.04 kg	12 off
	Brace M10 Insert	00.07 kg	8 off
	Carbon Brace 527	00.42 kg	4 off
	Carbon Brace 375	00.31 kg	2 off
	Carbon Brace 370	00.30 kg	3 off
	Carbon Brace 368	00.29 kg	1 off
	Zaber Slide Mount	00.08 kg	1 off
	Isolator Bush	00.01 kg	10 off
	M8 x 50 Lg SS HexHd Bolt	00.02 kg	10 off
	M6 x 35 Lg SS SckHd Bolt	00.01 kg	40 off
	M10 x 40 Lg SS SckHd Bolt	00.04 kg	8 off

M6 x 25 Lg SS SckHd Bolt	00.008	kg	84 off
M6 x 65 Lg SS SckHd Bolt	00.017	kg	10 off
M6 x 20 Lg SS SckHd Bolt	00.007	kg	66 off
M8 x 20 Lg SS HexHd Bolt	00.01	kg	16 off
M4 x 20 Lg SS HexHd Bolt	00.003	kg	8 off
M6 x 195 Lg SS SckHd Bolt	00.04	kg	4 off
M6 x 10 Lg SS SckHd Bolt	00.005	kg	7 off
M6 x 10 Lg Grub Screw	00.003	kg	6 off
M5 x 15 Lg SckHd Bolt	00.003	kg	8 off
M3 x 10 Lg SckHd Bolt	00.001	kg	2 off

Sub Total 53.847 kg

Research Equipment

Cryostat	17.00	kg	1 off
CCD Controller	07.00	kg	1 off
Filter Wheel (Loaded)	03.00	kg	1 off
Zaber Linear Actuator	00.55	kg	1 off

Sub Total 27.55 kg

Total 81.397 kg