

DESCRIPTION

FSM for SiC large aperture mirror with its controller rack.

APPLICATION

High power laser, line of sight stabilisation for atmospheric disturbance compensation.

ENVIRONMENTAL CONDITIONS

- 20°C to +55°C



FSM with non-coated SiC mirror



Customised controller

PARAMETER	UNIT	DTT300ML-SG-SV
Angular stroke Rx & Ry +/-	mrad	2.5
Dimensions	mm	145×145×100
Total mass	g	1800
Mirror mass	g	900
Mirror dimensions	mm	200×140×36
Loaded resonance frequency	Hz	320
Resolution	nrad	200
Accuracy	μrad	3
Accuracy	%	2
Control bandwidth	Hz	>100
Capacitance (per axis)	μF	40
Embedded electronics board	Embedded electronics board for Strain Gauges conditioning	