

ADC/DAC Channels for the Arm Length Stabilisation System (incl. the fiber noise cancellation scheme)

Total ADC Cards (Corner and 2x End Stations)      3

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ADC Channels - End Station

Item	Ch. Per item	Item Qty	Total
Tip-Tilt Actuator Sensors Act. Mon.	4 2 2	2	8
WFS DC power error signal	8 4 4	2	16
PD (green) DC power	1 1	2	2
PDH Error (green) error signal	1 1	1	1
PD (IR) DC power	1 1	2	2
PDH Error (IR) error signal	1 1	1	1
Fiber Noise PD DC power	1 1	2	2

Total ADC Channels      32  
Total ADC Cards (32 ch)      1

ADC Channels - Corner Station

Item	Ch. Per item	Item Qty	Total
Fiber Noise PD DC power	1 1	4	4
Fiber Noise Error error signal	1 1	2	2

Total ADC Channels      6  
Total ADC Cards (32 ch)      1

DAC Channels - End Station

Item	Ch. Per item	Item Qty	Total
Tip-Tilt Actuator Actuators	2 2	2	4
Laser PZT Temp Temp Offset	3 1 1 1	2	6

Total DAC Channels      10  
Total DAC Cards (15 ch)      1

DAC Channels - Corner Station

Item	Ch. Per item	Item Qty	Total
Fiber Noise PD VCO	1 1	2	2
Fiber Noise Pol. Contro Pol. Rotator	1 1	2	2

Total DAC Channels      4  
Total DAC Cards (15 ch)      1