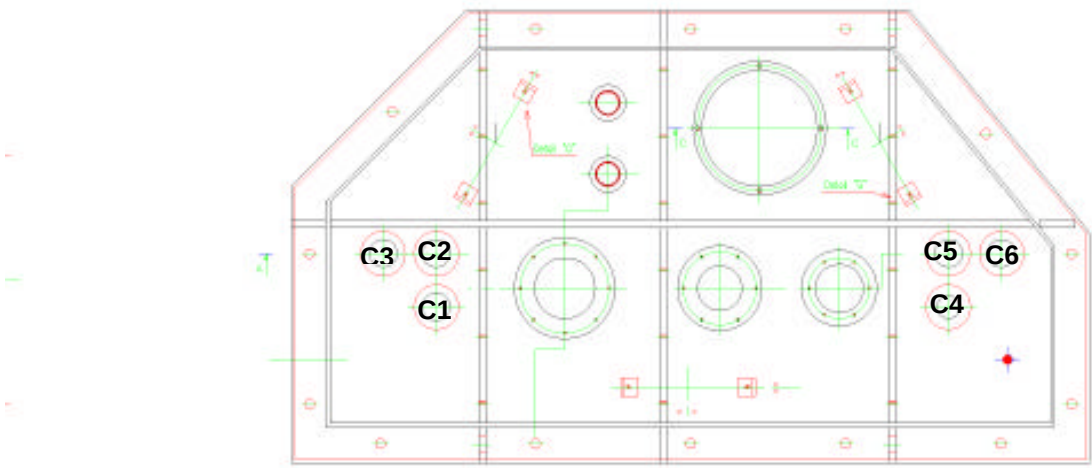


AMBER-SPG CABLING

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Amber SPG Cryostat Box

TOP View



Connectors through the cryostat box

C1M	Pupil Mask Wheel (PMW) motor	C1F	cable side
C2M	Temperature controller #1	C2F	cable side
C3M	Dispersing Unit (DIU) motor	C3F	cable side
C4M	Input wheel (INW) motor	C4F	cable side
C5M	Heater	C5F	cable side
C6M	Temperature controller #2	C6F	cable side

Connectors outside the cryostat box (fixed on the ribs)

C7M	External heaters	C7F	cable side
C8M	External temperatures	C8F	cable side
C9M	LN2 level PT100 sensors	C9F	cable side

Connectors C1 ,C2 ,C3 ,C4 ,C5 ,C6 are of type

Amphenol	PT07H-16-26-P	on the box (Hermetic type)	(C1M etc.)
	PT06A-16-26-S(SR)	for the cable	(C1F etc.)

Connector C7,C9 are

Amphenol	62GB-12E-12-10P	(RS Catalogue 450-219)	for the base	(C1M etc.)
	62GB-56T-12-10S	(RS Catalogue 450-376)	for the cable side (straight plug)	
	62GB-585-12-10S	(RS Catalogue 450-534)	cable holder	(C1F etc.)

Connector C8 is

Amphenol	62GB-12E-12-10P	(RS Catalogue 450-219)	for the base	(C1M etc.)
	62GB-56T-12-10S	(RS Catalogue 450-376)	for the cable side (straight plug)	
	62GB-585-12-10S	(RS Catalogue 450-534)	cable holder	(C1F etc.)

Internal Services:

3 Motors (and limit and home switches)	3 connectors
4 Heaters	1 connector
12 PT100	2 connectors

External Services:

3+1 Heaters	1 connector
2+6 PT100	2 connectors