

# SMD4 Cables

Cables for connecting the SMD4 to vacuum feedthroughs



AML supply multiple cables for the SMD4 to suit your configuration. All are 3 metres long as standard. All cables are offered with Option B for bakeable cables to 250 °C.

## SPECIFICATIONS

Specification	CAB-D15D9	CAB-D15MLF	CAB-3D15MLF
Length	3 metres		
Feedthrough Connection	9-way female D-sub	MLF18AC	
SMD4 Connection	15-way male D-sub		

## NOTES

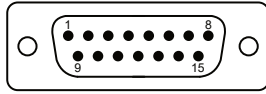
**CUSTOM LENGTHS:** AML can create custom length cables. If this required, please contact AML to discuss.

## DETAILS

### CAB-D15D9

SMD4 Connection

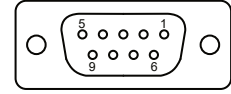
MALE 15-Way D-Sub



Pin Number	Function
1	Phase B2
2	Phase B1
3	Phase A2
4	Phase A1
5-6	
7	Thermocouple -
8	Thermocouple +
9-12	
13	RTD B2
14	RTD B1
15	RTD A

Feedthrough Connection

FEMALE 9-Way D-Sub

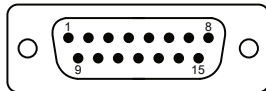


Pin Number	Function
1	Phase B2
2	Phase B1
3	Phase A2
4	Phase A1
5	RTD A
6	RTD B1
7	Thermocouple -
8	Thermocouple +
9	RTD B2

### CAB-D15MLF

SMD4 Connection

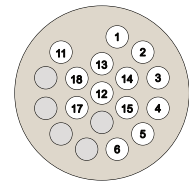
MALE 15-Way D-Sub



Pin Number	Function
1	Phase B2
2	Phase B1
3	Phase A2
4	Phase A1
5	Limit 1
6	Limit 2
7	Thermocouple -
8	Thermocouple +
9-10	
11	GND, Limit 1
12	GND, Limit 2
13	RTD B2
14	RTD B1
15	RTD A

Feedthrough Connection

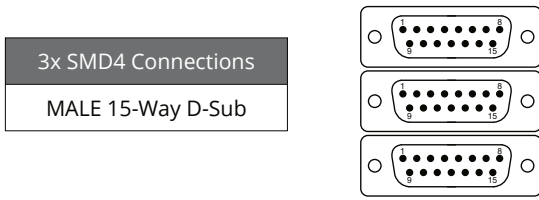
FEMALE MLF18AC



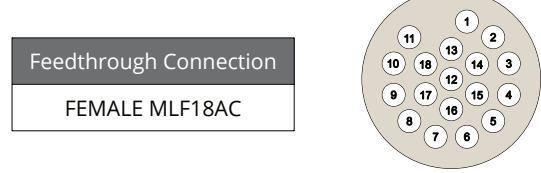
Pin Number	Function
1	Phase A1
2	Phase B1
3	Phase A2
4	Phase B2
5	Thermocouple +
6	Thermocouple -
7-10	
11	Limit 2
12	GND, Limit 2
13	RTD, A
14	RTD, B1
15	RTD, B2
16	
17	Limit 1
18	GND, Limit 1

## DETAILS

### CAB-3D15MLF



Pin Number	Function
1	Phase B2
2	Phase B1
3	Phase A2
4	Phase A1
5-6	
7	Thermocouple -
8	Thermocouple +



Pin Number	Function
1	Phase A1
2	Phase B1
3	Phase A2
4	Phase B2
5	Thermocouple +
6	Thermocouple -
7	Phase A1
8	Phase B1
9	Phase A2
10	Phase B2
11	Thermocouple +
12	Thermocouple -
13	Phase A1
14	Phase B1
15	Phase A2
16	Phase B2
17	Thermocouple +
18	Thermocouple -

## ORDERING INFORMATION

Order Code	
CAB-D15D9	SMD4 Cable, 3 metres long. D-Sub 15 Male to D-Sub 9 Female
CAB-D15MLF	SMD4 Cable, 3 metres long. D-Sub 15 Male to MLF18
CAB-3D15MLF	SMD4 Cable, 3 metres long. 3X D-Sub 15 Male to MLF18

Related Products	
SMD4	Stepper motor drive
MLF18F	Feedthrough, 18-way, GMS, NW35CF
VF9D-40CF	D-sub 9-way Electrical Feedthrough (DN40CF Flange)
VF15D-63CF	D-sub 15-way Electrical Feedthrough (DN63CF Flange)



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AML pursues a policy of continuous improvement and reserves the right to make detail changes to specifications without consultation. E and OE.