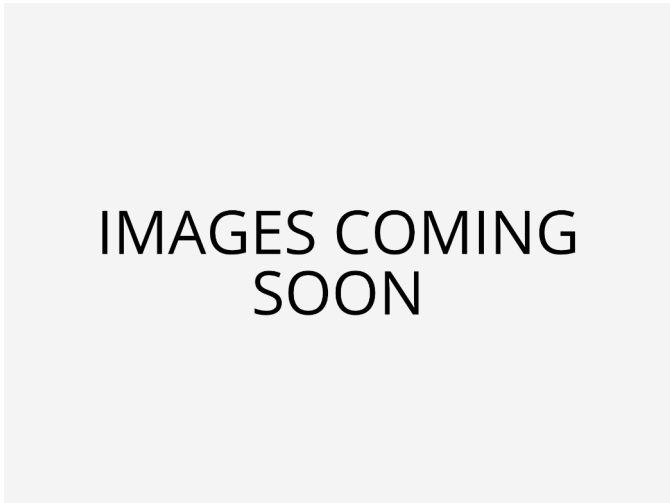


In-Vacuum Cables

UHV compatible cables for connecting VSM19-X and VSM30-X stages



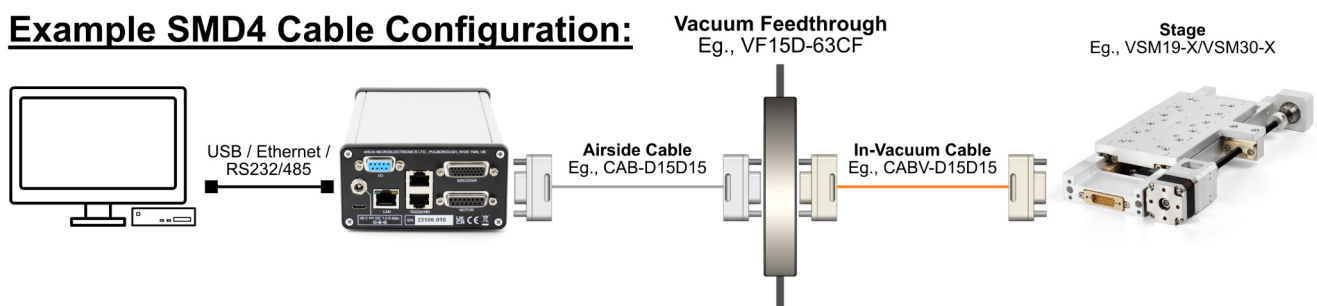
AML supply multiple in-vacuum cables to suit your configuration. All are 1.5 metres long as standard. These are designed for the VSM19-X and VSM30-X stages which include integrated d-sub connectors.

SPECIFICATIONS

Specification	CABV-D9D15	CABV-D15D15	CABV-MLFD15	CABV-MLF3D15
Length	1.5 metres			
Feedthrough Connection	9-way female D-sub	15-way female D-sub	MLF18VCF	
Stage Connection	15-way female D-sub			3x 15-way female D-sub

CONFIGURATION EXAMPLE

Example SMD4 Cable Configuration:



NOTES

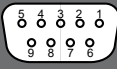
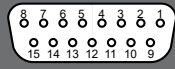
CUSTOM CABLES: AML can design and build custom cables. If this required, please contact AML to discuss your requirements.

PINOUT DIAGRAMS: All connector images are shown from the mating side.

DETAILS

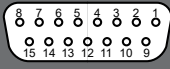
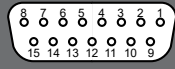
CABV-D9D15

In-vacuum cable, 1.5 meters long.
D9F to D15F.

	Feedthrough End Pinout	Stage End Pinout
	D-sub, 9-way, Female, UHV	D-sub, 15-way, Female, UHV
		
Phase B2	5	8
Phase B1	4	7
Phase A2	3	6
Phase A1	2	5
Thermocouple -	8	2
Thermocouple +	7	1
RTD B2	6	11
RTD B1	9	10
RTD A	1	9

CABV-D15D15

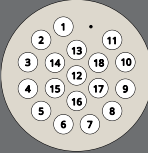
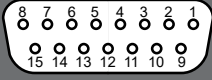
In-vacuum cable, 1.5 meters long.
D15F to D15F.

	Feedthrough End Pinout	Stage End Pinout
	D-sub, 15-way, Female, UHV	D-sub, 15-way, Female, UHV
		
Phase B2	8	8
Phase B1	7	7
Phase A2	6	6
Phase A1	5	5
Limit 1	4	4
Limit 2	3	3
Thermocouple -	2	2
Thermocouple +	1	1
GND, Limit 1	13	13
GND, Limit 2	12	12
RTD B2	11	11
RTD B1	10	10
RTD A	9	9

DETAILS

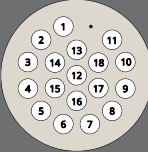
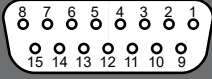
CABV-MLFD15

In-vacuum cable, 1.5 meters long.
MLF18VCF to D15F.

	Feedthrough End Pinout	Stage End Pinout
	MLF18, 18-way, Female, UHV	D-sub, 15-way, Female, UHV
		
Phase B2	4	8
Phase B1	2	7
Phase A2	3	6
Phase A1	1	5
Limit 1	17	4
Limit 2	11	3
Thermocouple -	6	2
Thermocouple +	5	1
GND, Limit 1	18	13
GND, Limit 2	12	12
RTD B2	15	11
RTD B1	14	10
RTD A	13	9

CABV-MLF3D15

In-vacuum cable, 1.5 meters long.
MLF18VCF to 3x D15F.

	Feedthrough End Pinout	Stage End Pinout
	MLF18, 18-way, Female, UHV	3x D-sub, 15-way, Female, UHV
		
Phase B2	4, 10, 16	8
Phase B1	2, 8, 14	7
Phase A2	3, 9, 15	6
Phase A1	1, 7, 13	5
Thermocouple -	6, 12, 18	2
Thermocouple +	5, 11, 17	1

ORDERING INFORMATION

Order Code	
CABV-D9D15	1.5 meters long. D9F to D15F
CABV-D15D15	1.5 meters long. D15F to D15F
CABV-MLFD15	1.5 meters long. MLF18VCF to D15F
CABV-MLF3D15	1.5 meters long. MLF18VCF to 3x D15F

Related Products	
VSM19-X	High Performance (Rigid), Modular UHV Compatible Stage
VSM30-X	Long Travel, Modular UHV Compatible Stage
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)



Arun Microelectronics Ltd.
Unit 2, Bury Mill Farm
Bury Gate
PULBOROUGH
RH20 1NN
United Kingdom

Tel: +44 (0)1903 884141
Email: sales@arunmicro.com

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