

High Vacuum Plugs and Sockets

High Vacuum Connectors (glass filled polymer with a stainless steel outer) are suitable for High Vacuum (10^{-8} mbar) and temperatures up to 110°C. To be used with our crimp pins, see page 1.9



General Specification HV Sub-D Connectors

Vacuum	High Vacuum
Socket type	Female- fits Feedthroughs Male Plugs (for internal connection)
Body material	DAP
S types	reduced outer SS part
SX types	no Vac. side locking screws
Temp. range	-55°C to 110°C
Use Pins	212-PINF, -PINF-B, -PINF-S, -PINF-TC
Male types:	212-PINM-10, -PINM-S, -PINM-TC

High vacuum Sockets for Sub-D FEMALE type to fit Feedthroughs

VACUUM	NO. OF POLES	PART NUMBER
HV	9	211-FS09-HV
HV	9	211-FS09-HV-SX
HV	15	211-FS15-HV
HV	15	211-FS15-HV-S
HV	25	211-FS25-HV
HV	25	211-FS25-HV-SX
HV	37	211-FS37-HV
HV	37	211-FS37-HV-SX
HV	50	211-FS50-HV
HV	50	211-FS50-HV-S

SX versions without metal housing (see photo on the left)



Right: small "-S" version with rounded edges
Left: extra small "-SX" version without screw holes

High Vacuum Plugs for Sub-D MALE Plugs to fit female Sockets

VACUUM	NO. OF POLES	PART NUMBER
HV	9	211-MS09-HV
HV	15	211-MS15-HV
HV	25	211-MS25-HV
HV	37	211-MS37-HV
HV	50	211-MS50-HV

The Vacuum side HV housings include Strain Relief and fixing screws for the F/T. They are specially designed to fit the Allectra Sub-D Feedthroughs.

High vacuum Housings for Sub-D for Male and Female Connectors

VACUUM	NO. OF POLES	PART NUMBER
HV	9	211-HSG-D09-SR
HV	15	211-HSG-D15-SR
HV	25	211-HSG-D25-SR
HV	37	211-HSG-D37-SR
HV	50	211-HSG-D50-SR

