

## Gender Changer for Sub-D, Air and UHV

Sub-D feedthroughs are on air and vacuum side male. If on one side a female connector is required, Allectra offers the suitable adapters.

Together with such an adapter (on air or vacuum side), the standard pin numbering is regained.

They come ready for use.



### General Specification UHV Gender Changer

Vacuum	HV and UHV <10 <sup>-10</sup> mbar
Pins	Gold plated copper alloy
Housing	PEEK unfilled / Ceramic
Sizes	Standard Sub-D, 9 to 50 pin
Gender	Female to Female
Connection	"straight through": Together with feedthrough, a 1:1 connection is established



### General Specification AIR Gender Changer

Housing	polymer
Sizes	Standard Sub-D, 9 to 50 pin
Gender	Female to Female
Connection	"straight through": Together with feedthrough, a 1:1 connection is established

### Gender adaptors for Sub-D UHV PEEK / Ceramic Female to Female

VACUUM	No. OF PINS	PART NUMBER
UHV PEEK	9	211-FS09-GA-PK
UHV PEEK	15	211-FS15-GA-PK
UHV PEEK	25	211-FS25-GA-PK
UHV PEEK	37	211-FS37-GA-PK
UHV PEEK	50	211-FS50-GA-PK
CERAMIC VERSIONS		
UHV CER	9	211-FS09-GA-UHV
UHV CER	15	211-FS15-GA-UHV
UHV CER	25	211-FS25-GA-UHV
UHV CER	37	211-FS37-GA-UHV
UHV CER	50	211-FS50-GA-UHV

### Polarity adaptors for Sub-D Air side Female to Female

AIR	No. OF PINS	PART NUMBER
AIR	9	211-FS09-GA-AIR
AIR	15	211-FS15-GA-AIR
AIR	25	211-FS25-GA-AIR
AIR	37*	211-D37-ADR
AIR	50*	211-D50-ADR

\*) Short cable adaptor

## Air side connectors for standard Sub-D

For standard Sub-D feedthroughs Allectra offers three types of connectors:

- Solder cup versions (up to 1mm Ø wire)
- Solder cup High Current versions (see page 1.10)
- Versions for crimp pins including thermocouple pins (see page 1.20)

All versions come with polymer housings and thumb screws for fixing. Colour might vary.

The max. rated temperature for these connectors is 65°C



### Air side Sockets with housing for Sub-D Female type to fit Feedthroughs

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

Male versions available on request