

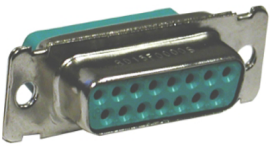

## New High Vacuum SUB-D connectors 211-Fsxx-HV-V2 and 211-MSxx-HV-V2

Allectra made some changes on the design and the material for our High Vacuum Sub-D connectors.



The specification changes are shown in the table below.

Please note: The old version is green and the new V2 version is black.

	Original Version	New V2 Version
		
Housing	Stainless Steel	
Polymer used	DAP, glass filled	Liquid Crystal polymer, glass filled
Water absorption	0.3%	0.04%
Max. temperature in vacuum	-55 ... +110°C	-55 ... +125°C
Fitting pins	all Sub-D types, including Thermocouple versions	
Fitting housings	no change between old and new version	
Pin Removal tool	214-CRIMPINS	214-CRIMPINS-PRO-2
Total height of connector (FS)	15,3mm	17.9mm

### Advantages:

- The Stainless Steel Housing are no longer clipped together, fitting to some housings is improved
- New material has significantly lower outgassing, specially the water absorption is reduced by an order of magnitude
- Useable temperature range is enhanced
- Longer housing on the back results in greater security against short circuits of cables

To avoid confusion, the new versions have a new part code: 211-Fsxx-HV-**V2** (female) and 211-MSxx-HV-**V2** (male).  
They replace the "green" versions successively.