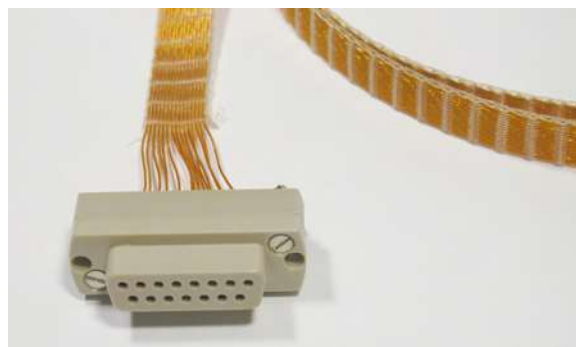


**Sub-D ready made In-Vacuum Cables**

Allectra offers a full range of vacuum cables including both standard types and cables made to customers' specifications. The standard cable lengths is 0.5 m. Any desired length available.

Please note that only cables with one connector are listed here. The other end is left open. All other types are available on request.

**Specifications Standard In-Vacuum Cables**

Vacuum	HV or UHV
Socket type	PEEK, Ceramic or HV
Construction	Kapton Ribbon Cable/ PTFE
Current	3A max / 5A max for High Current
Voltage	500V DC
Temp.	Defined by connectors

**In-vacuum PTFE Ribbon Cable for Sub-D HV Socket to open end, 500mm long**

VACUUM	No OF WIRES	PART NUMBER
HV (PTFE)	9	380-D09FXHPT-500
HV (PTFE)	15	380-D15FXHPT-500
HV (PTFE)	25	380-D25FXHPT-500
HV (PTFE)	37	380-D37FXHPT-500
HV (PTFE)	50	380-D50FXHPT-500

Please supply us with your requirements for custom cables:

Type of connectors, cable, with or without housing, shielding, length ....

An example of a custom cable is shown below. One connector is made completely according customer specification.

**In-Vacuum KAPTON Ribbon Cable for Sub-D HV Socket to open end, 500mm long**

VACUUM	No. OF PINS	PART NUMBER
HV	9	380-D09FXHR-500
HV	15	380-D15FXHR-500
HV	25	380-D25FXHR-500
HV	37	380-D37FXHR-500
HV	50	380-D50FXHR-500

**In-Vacuum KAPTON Ribbon Cable for Sub-D PEEK Socket to open end, 500mm long**

VACUUM	No. OF PINS	PART NUMBER
UHV / HV	9	380-D09FXPR-500
UHV / HV	15	380-D15FXPR-500
UHV / HV	25	380-D25FXPR-500
UHV / HV	37	380-D37FXPR-500
UHV / HV	50	380-D50FXPR-500



Custom made HV-Cable with one "Small" connector, housings and complete shielding. Please ask for a quote for your special application.

## Sub-D ready made In-Vacuum Cables

### High Density

For High density Sub-D cables, mainly ribbon cable is used. With 4, 10, 15 and 26 way ribbon cables all the sizes can be covered.

We use as well other cables out of our wide cable section according your requirements.

#### Cable types, Allectra can offer:

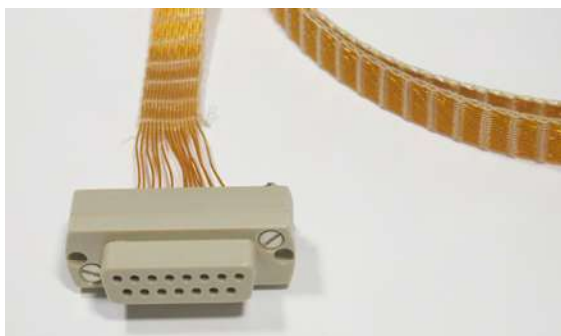
- female to open end
- male to open end
- female to male
- female to female (straight or cross over)
- male to male (straight or cross over)
- Y-cables and other adapter cables  
for example from, 25 pin to 3x 9 pin connectors

Most versions can be made with shields for signal protection

High current Sub-D cables

If required, various cables can be used on one connector

Allectra recommends the use of a housing for better handling and strain relief of the cables.



Please ask for a quote for custom length cables, cables with connectors on both sides and other modifications. Adapter cables from Standard-Density Sub-D to High Density versions are available on request.



Top: 26 pin HD connector with housing and 26way ribbon cable

Bottom: Special BNC to single wires cable



#### In-Vacuum High Density KAPTON Ribbon Cables UHV PEEK Socket to open end, 500mm long

VACUUM	No. OF PINS	PART NUMBER
UHV PEEK	26	380-HD26FXUR-500
UHV PEEK	44	380-HD44FXUR-500
UHV PEEK	78	380-HD78FXUR-500

#### How the part code describes the product:

380: Ready made cable group  
HD: High Density connectors  
26/44/78: Number of pins  
F: One female connector  
X: Open end  
H /P: High vac or Peek connectors  
R: Ribbon cable, Kapton insulated  
500: Length in mm