

## Top 3 Ways to Install a High Performance Flex Cable

BizLink elocab High Performance Flex (HPF) cables are widely known for their ultra-flexible cable motion and are involved in various Industrial, Medical, and Semiconductor applications. They enable the end user to configure the cable for whatever the application demands, including up to 150 million flex cycles.

Some mechanical parts or features are required to install an HPF cable in a machine, device, or system. There are three different options available for HPF cable installation.

### OPTION 1: STANDARD CLAMPS

Standard clamps are available in six assorted sizes with standard mounting hardware. In addition, the standard clamps can be stacked as multiple layers if needed.

Proper design and installation are crucial as they may prevent the product from failing prematurely.

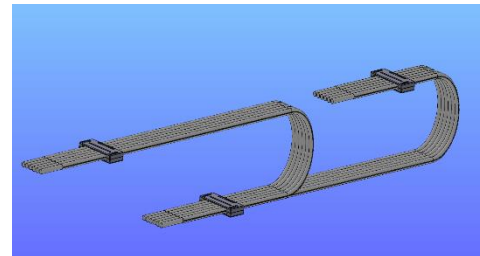


Figure 1: Standard clamps used in linear access

### OPTION 2: CUSTOM CLAMPS

Sometimes standard clamps may not fit into the space in the customer's device or system, or when the customer has some special requirement that standard clamps do not meet. For example, we can design special clamps with low profile, particular mounting dimensions, and unique materials or finish.

With the custom clamps, the inner surface can be designed to match the HPF cable profile.

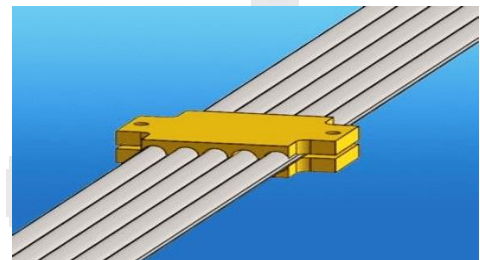


Figure 2: Custom clamp for HPF used in mounting

### OPTION 3: OVERMOLD ON HPF

We can design and over-mold the mounting feature directly on the HPF cable. We have several molding materials to add if required. Our engineers will create the over-mold profile according to the user's needs.

The overmold option is useful when the HPF cable is installed parallel to a mounting surface or through a wall.

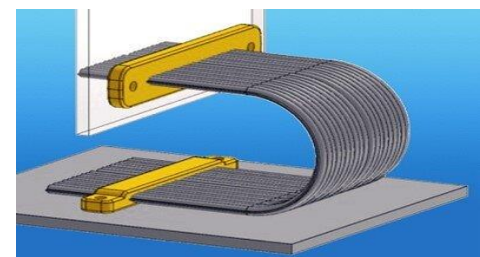


Figure 3: Overmold on an HPF cable parallelly installed to a mounting surface

**When you need HPF cables installed in your device or system, please contact us for a review. Our experienced custom cable engineers will assist you and find the best solution.**

Contact the team today to learn how BizLink can help you on your next project!

Call (+1) 519-893-1155 or email [bca\\_sales@bizlinktech.com](mailto:bca_sales@bizlinktech.com)