



Coaxial Jumper Installation Manual

Dear Customer,

In order to ensure the normal use of the jumper, before installing the jumper, please read the installation manual carefully.

Precautions of installing jumper:

1. When installing, the length of the cable behind the connector must be kept not less than 60mm. The specific situation is shown in the figure below:



2. During installation, don't bend the cable while holding the connector. Instead, the cable should be actively approached the connector to prevent improper stress at the connection between the cable and the connector.

3. When bending cable is needed during installation, the minimum bend radius of the cable cannot be exceeded. The minimum bending radius of the 1/2 "cable is shown in the table as follows:

Cable	Test item	Test requirement
HCAAY-50-12 (1/2" Flexible)	Minimum bending radius,(mm)	70
	Minimum bending radius,(mm)	130

4. Before installing the connection nut, the cable must be distributed and forming.

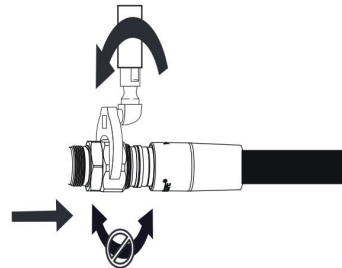
5. If the installation is not in place, do not twist the cable directly. You should rotate from the nut and adjust the overall jumper.



6. When installing, the connectors at both ends must be connected to the nut. Do not fix one end only.

7. When connecting the nut, the connection nut is tightened according to industry specifications. It is recommended to use two torque wrenches for operation. A torque wrench is placed on the connection nut, and another torque wrench is fixed to the position of the connector body. In this way, the sealing pad at the conjunction can be appropriately compressed to achieve sealing effect, and it can make the connector more stable and achieve better electrical performance. The torque required for different types of connectors is shown in the table below:

Connector Interface Type	Tightening Torque
7/16 DIN	25-30 N*m
4.3-10	5-8 N*m
Type N	1.7-2.3 N*m



8. Do not manually pull the connector, and do not pull the nut with more than 50N power.

