

Flat cable connector shield

A flat cable in electronics housing often leads to interference. Previously we already developed the 4700S series ready-made sleeve (EMI screening sleeve) for flat cables that allows easy cable routing during assembly.

Now we have developed a flat cable connector shield that is very easy to be stuck to any connector of a flat cable. With this shield the cable including the connector can be fully shielded to get the best shielding performance.

Most sizes are available from stock but the shield can be produced in any dimension. We only need to know your type of connector so that we can produce the shield in the right dimensions.

Shielding performance can even be improved using optional grounding connections.

Benefits

- Very high shielding performance
- Available for any connector
- Easy to mount
- Good connection to the shield of the cable

Options (on request)

- Can be equipped with grounding strip for better performance
- Performed in an Amucor execution

Standard part numbers

Based on availability of standard connectors, the number of conductors is usually restricted to a few values. These include 4, 6, 8, 10, 14, 15, 16, 18, 20, 24, 25, 26, 34, 37, 40, 50, 60, 64 and 80.

Part number Connector

4970-4	4
4970-6	6
4970-8	8
4970-10	10
4970-14	14
4970-15	15
4970-16	16
4970-18	18
4970-20	20
4970-24	24
4970-25	25
4970-26	26
4970-34	34
4970-37	37
4970-40	40
4970-50	50
4970-60	60
4970-64	64
4970-80	80

Please note, also suitable for 7-pin serial ATA cable and 15-pin power connector for Serial ATA. Every other connector shield can be customized within a day.



Flat cable without EMI shielding



Step 1. Flat cable connector shield stuck on the connector



Step 2. Release the lines so that you can make connection with the 4700S series Ready made sleeve or any other cable shielding material



Step 3. After the cable shielding material like the 4700S series Ready made sleeve is mounted the cable will be fully shielded

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Series	Pins
4970	• Based on availability of standard connectors, the number of conductors is usually restricted to a few values. These include 4, 6, 8, 9, 10, 14, 15, 16, 18, 20, 24, 25, 26, 34, 37, 40, 50, 60, 64 and 80

* Note: The red blocks are required



Please note. This is a example image of a 4975 series HDMI cable connector shield stuck on a HDMI cable. Please note, The cable in this example is fully shielded, so the cable itself is also packed with conductive textile. Click here for more information