HDMI Optical Cable Installation

When installing HDMI AOC cables, care must be taken to not exceed 22lb (10Kg) of pulling force on the cable end to prevent damage.

HDMI AOC Cables are Directional. One end of the cable is labeled "Source" and the other "Display". Ensure that the cable is oriented correctly prior to installation.

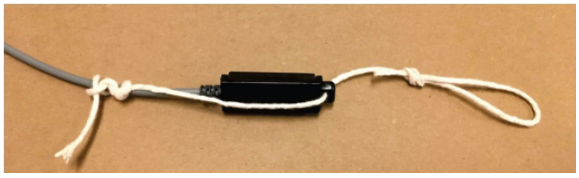
AOC Cable Prep Requirements

It is critical that the AOC cable **NOT** be directly attached to the pilot (such as fish tape). A rigid connection can damage the AOC as it is pulled through bends. At a minimum, a flexible leader must be used between the AOC installation tool eyelet and the fish tape (or other pilot device). To increase permissible pulling force, the cable leader must be prepped as indicated below:

1. Remove the Mini-HDMI to HDMI cable adapter from the end of the HDMI AOC cable.
2. Place the included Installation Adapter Tool onto the cable connector per the illustrations. Wrap electrical tape around the adapter to prevent it from opening during installation.
3. Feed a leader string through the eyelet in the Installation Adapter Tool and tie it to the AOC cable as shown. Ensure the leader is rated for at least 10Kg.
4. Wrap electrical tape around the leader and AOC cable, as shown.
5. Attach the leader to the fish tape (or whatever pilot is to be used for installation).

Place the micro HDMI connector inside the Installation Tool.

Close the Installation Tool cover. Secure with electrical tape.



Conduit Requirements

- AOC cables must be routed through a minimum 3/4" conduit. 1" conduit or larger is preferred.
- AOC cables must be the first cables run through the conduit.
- When installing AOC cables through conduit, the conduit must be designed ANSI standard bend radius:
  4.5" bend radius for 3/4" conduit
  5.75" bend radius for 1" conduit

Bend Radius Considerations

- Do not exceed the cable bend radius limit. Fiber optic cable can be broken when kinked or bent too tightly, especially during pulling.
- The cable must not be forced over a bend radius smaller than 3 inches (6" diameter).
- After completion of the pull, the cable should not have any bend radius smaller than 1-1/4".

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