




*QUICK REFERENCE GUIDE*

## **KI-TK800 Series MPO Visual Cable Verifier**

## Quick Reference Guide – KI-TK800 Series MPO Visual Cable Verifier

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### KI 28800 series Light Source operation

- Only insert MPO female (no pin) connector into instrument's optical adaptor(s). You can use either MM or SM fiber.
- To turn instrument on press [On/Off].
- To view firmware version, hold [F4] then press [On/Off].
- To view all display segments, press and hold[On/Off], [F1] at the same time until it stops beeping.
- To defeat auto power-off, hold [On/Off] for 3 seconds at turn on until 'Perm' is displayed.
- Low battery is indicated with a battery symbol.
- To turn on emitters, press [F1/Source].
- To turn off emitter, and return to Home menu, press [Home].
- To turn on back light press [  ].








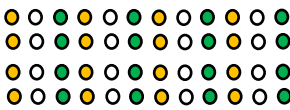
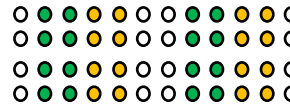
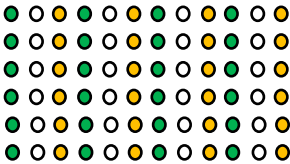
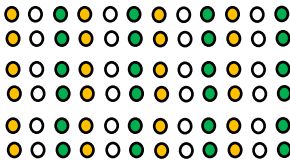
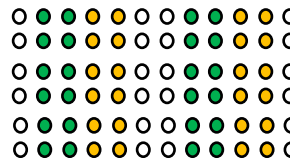
### KI 6608 40x magnification microscope operation

- If needed, replace universal optical adaptor with an MPO12xn or MPO16xn adaptor.
- Before inserting any MPO connector, check the scope MPO adaptor lateral position, and If necessary, use the MPO adaptor alignment screw to adjust the connector to the mid-position.

- Rotate microscope to the position at which the “TOP” label on adaptor is facing up. Note that image is reversed when viewed through microscope.
- Insert connector to be inspected.
- Press and hold front switch of blue toggle button to use green oblique illumination. This is very well to show dirt on the end face.
- While holding eye piece to your eye, adjust focus knob to achieve a clear image of connector tip. *When image is in focus, the centre of XY-alignment screw is positioned near the white arrow on the right of focus knob.*
- Rotate XY-alignment screw to position image of connector tip at the centre.
- With “TOP” label facing up, determine MPO cable type by comparing the pattern image of microscope with that shown on *MPO Cable Verification Pattern Guide* which comes with the instrument.
- Releasing the front switch of toggle button now will change to microscope illumination to coaxial mode.
- To turn off illumination manually, press rear button of blue toggle button, or it will also automatically turn off later.
- To disable auto-off timer, power unit with external supply via USB.

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## KI-KI800 Series MPO Cable Verification Pattern Guide

| Cable type | Patterns<br>(With microscope's 'TOP' label on top)                                |  |   |
|------------|---|--|---|
|            | A (Straight)  | B (Cross)  | C (Cross Pair)  |
| 12-fiber   |  |  |  |
| 24-fiber   |  |  |  |
| 48-fiber   |  |  |  |
| 72-fiber   |  |  |  |

KI-KI800 Series MPO Cable Verification Pattern Guide

|            | Patterns<br>(With microscope's 'TOP' label on top) |           |                |
|------------|--|-----------|----------------|
| Cable type | A (Straight)                                       | B (Cross) | C (Cross Pair) |
| 16-fiber   |  |           |                |
| 32-fiber   |  |           |                |