




QUICK REFERENCE GUIDE

***TK800 Series MPO Visual Cable Verifier**

* Kingfisher series number with prefix "KI-"

Quick Reference Guide – TK800 Series MPO Visual Cable Verifier

KI28800 / T28800 series Light Source operation



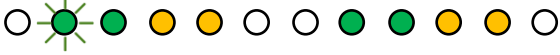

- Only insert MPO female (no pin) connector into instrument's optical adaptor(s). You can use either MM or SM fiber.
- To turn instrument on press [On/Off] (green button).
- To view firmware version, hold [F4] then press [On/Off].
- To view all display segments, press and hold [On/Off], [F1] at the same 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 (CW mode), press [F1/Source].
- To turn on blinking mode (green light blinking at 2 Hz) for fiber-1, press [F3/Mode]. Press [F3/Mode] again to return to CW mode.
- To turn off emitters, press [-] or [+] until "OFF" is displayed. To return to Home menu, press [Home].
- To turn on back light press [].


KI6608 / T6608 40x magnification microscope operation

- Replace the Universal optical adaptor that comes with the microscope with an MPO12xn or MPO16xn adaptor.
- Before inserting any MPO fiber 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.
- Insert fiber connector to be inspected.
- Press and hold front switch of blue toggle button to use green oblique illumination. This is very useful 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 colour pattern image seen on microscope, with that shown in the MPO Cable Verifier Pattern Guide section of this manual.
- 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.


TK800 Series MPO Cable Verifier Pattern Guide

Cable type	MPO-12 Patterns (Microscope adaptor's "TOP" label facing up)
A (Straight)	
B (Cross)	
C (Cross Pair)	
D (Universal)	




 Flashing Pin-1 if blinking-mode is turned on


TK800 Series MPO Cable Verifier Pattern Guide

Cable type	MPO-24 Patterns (Microscope adaptor's "TOP" label facing up)
A (Straight)	
B (Cross)	
C (Cross Pair)	

 Flashing Pin-1 if blinking-mode is turned on


TK800 Series MPO Cable Verifier Pattern Guide

Cable type	MPO-16 Patterns (Microscope adaptor's "TOP" label facing up)
A (Straight)	
B (Cross)	
C (Cross Pair)	

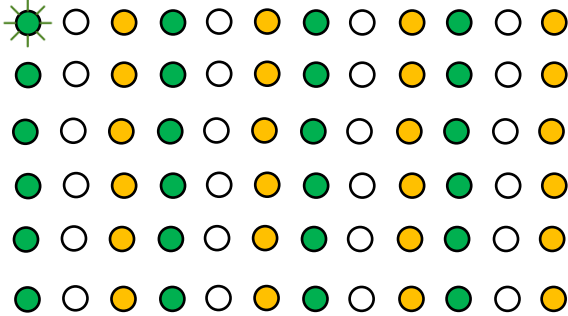
 Flashing Pin-1 if blinking-mode is turned on

TK800 Series MPO Cable Verifier Pattern Guide

Cable type	MPO-32 Patterns (Microscope adaptor's "TOP" label facing up)
A (Straight)	
B (Cross)	
C (Cross Pair)	

 Flashing Pin-1 if blinking-mode is turned on

TK800 Series MPO Cable Verifier Pattern Guide

Cable type	MPO-72 Patterns (Microscope adaptor's "TOP" label facing up)
Straight	

 Flashing Pin-1 if blinking-mode is turned on