IMPORTANCE OF HAVING A VFL

A Visual Fault Locator (VFL) is a battery operated, multipurpose handheld visible laser

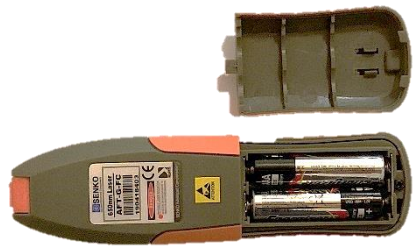
SETTINGS FOR THE VFL LASERS:

CW = Continuous Wave for a continuous light

Pulse = Intermittent on/off for a flashing light

VFL SAFETY TIPS:

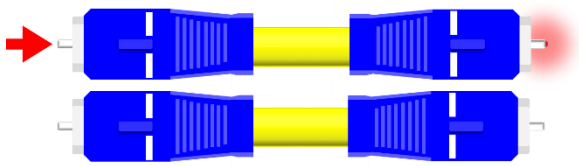
Avoid looking directly at the laser



Remove the batteries when the VFL is in storage to prevent battery leaks

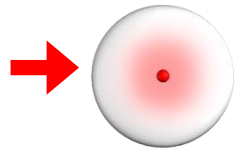
WHAT CAN THE VFL BE USED FOR?

1. Use it to check the **polarity** of a connector assembly

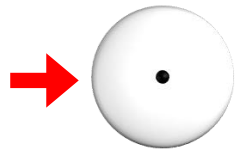


An essential tool when using polarity dependent assemblies.

2. Use to quickly check light **continuity** and locate broken fibers

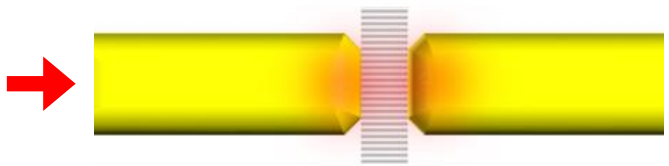


☑ Seeing the light mean signal continuity



☒ No light means the fiber is broken

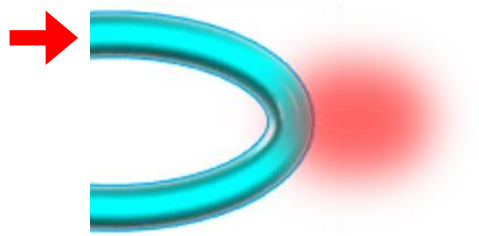
3. Find the **microbend** points that are causing loss



Microbending is a pinching of the fiber that causes the light to escape the core.

To correct, straighten out, loosen up or replace the cause of the microbend.

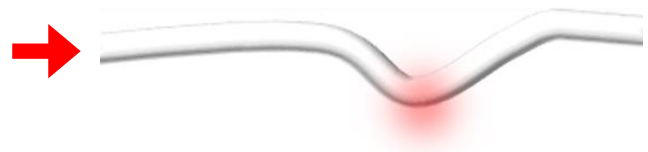
4. Find the **macrobend** points that are causing loss



Macrobending is happens when the fiber exceeds the bend radius.

To correct, straighten out, or loosen up the fiber to relieve the stress.

5. Use it to check for **cross connections**



Gently bend the fiber to see the light on both sides of the connection point such as splices, or connectors.

SENKO
SENKO GROUP® Advanced Components