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 means 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 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.