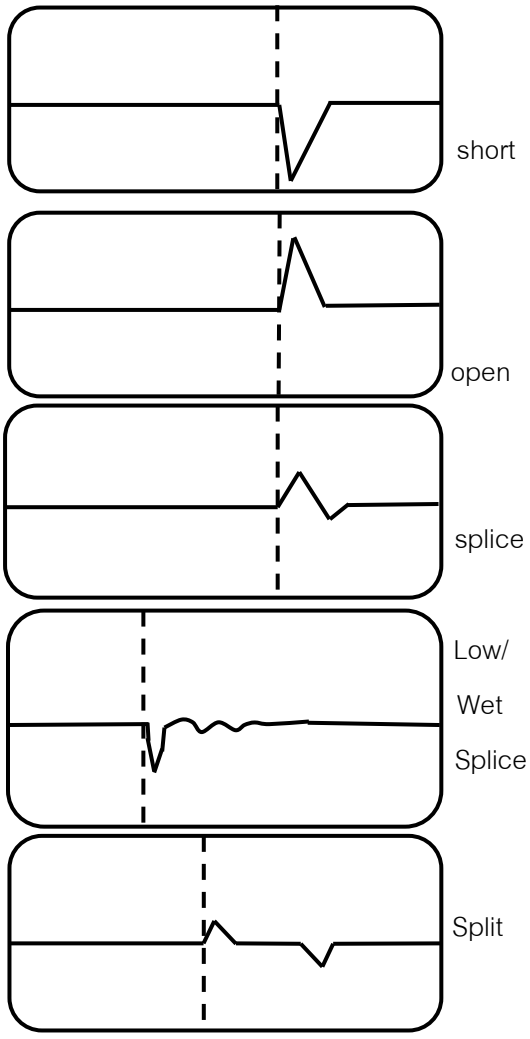
TDR-44 Quick Using Guide

1. Connect the unit to the cable under tested by using Aligator Test Leads
2. Press and hold about 2 second on button to turn on the unit
3. Press button to change from LOCATE mode to RANGE mode
4. Press or button to select the appropriated range to the cable under tested
5. Press button to change from RANGE mode to PVF mode
6. Press or button to select PVF value in accordance to the PVF of the cable under tested. **Note1**: PVF value of various type of cable shown on table A page16 of Operation Manual **Note2**: Determining PVF value of known length cable are described bellows
7. Press button to change from PVF mode to LOCATE mode
8. Press or button to move the vertical line to locate fault of cable by,pressing and hold for slow scan, pressing twice in haft second and hold for fast scan
9. Distance from the unit to the fault will be shown at bottom middle of the display(distance included test lead length 2 meters, standard supplied from manufacturer)

Typical Fault of Cable



Estimated PVF value for some Wires and Cables	
Diameter (Gauge)	PVF value
0.4 (AWG26)	67
0.5 (AWG24) CAT5/6 UTP	67
0.65 (AWG22)	67
0.9 (AWG19)	64
3.6 (AWG7) 10 SQ.M	50

Remarks:

1. Press button and hold to turn on display backlight LED when using in dark environment
2. If any buttons not be touched 5 minutes, the unit will automatically shut down.
3. Pressing button continuously will change mode circularly
4. After replaced new batteries and closed its cover, two screws should be secured by not over-tightening it

Determining PVF value of cable which known length

1. Use normal procedure to measure length of cable by any PVF value(or use 0.67 default value after power on unit)
2. Chang mode from LOCATE to PVF
3. Press or button until the measured distance value at bottom middle of display equal or closest to the known length of cable
4. Value shown at bottom left of display determined as PVF value of this cable