

Digital Cable Fault Locator – Andig Model – 5289M



Digital Cable Fault locator is used to find break fault and short circuit faults in copper cables by Pulse Echo Reflection method.

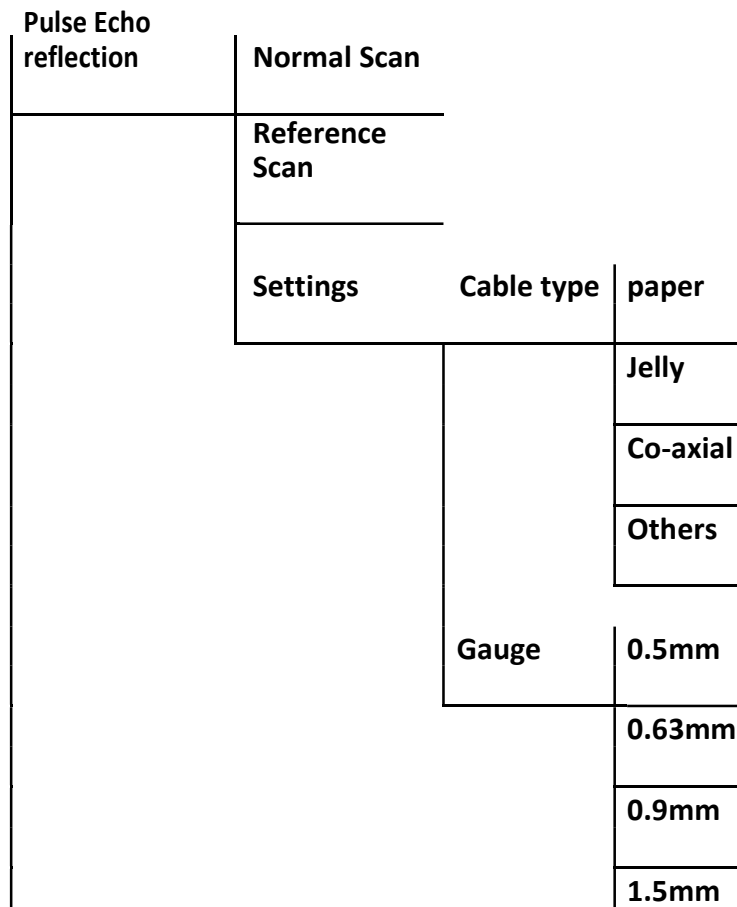
Function of Keys

- Select - When pressed, selects highlighted menu
- MENU - When pressed main menu is displayed
- Arrow Keys - Left and Right, Up and Down
- RANGE - Select Range status. Use Arrow keys to select Range
- ZOOM - Displays current zoom status from zoom 1 to zoom 5
- CUR - To select Cursor 1 and Cursor 2
- CAL/BACK - When pressed goes to previous menu
- GAIN - Selects gain level and displays status in multifunction box
- START - When pressed, starts testing the cable pair under test
- PRINT/VOP2 - When pressed selected cable is displayed, can be changed different cables on line.
- B/L - Back light
- Line 1 : Socket for connecting faulty pair under test
- Line 2 : Socket for connecting reference pair under test
- RS 232 - To connect PC interface

Test Procedure:

- 1) Switch ON the meter
- 2) Connect patch chord between Line 1 terminal and tested cable pair.
- 3) Select Pulse Echo Reflection method
- 4) Settings to be done before testing as follows

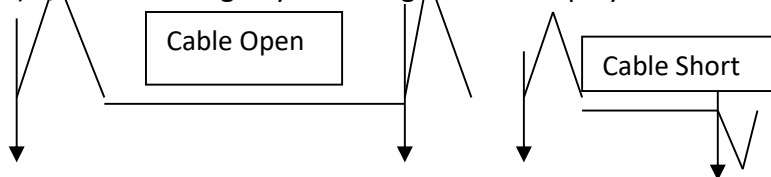
MENU FLOW DIAGRAM:



Cable type and conductor dia to set as per tested cable pair.

5) Press Start button – equipments scans the data.

6) the following any one image will be displayed



Cursor 1

Cursor 2

Cursor 1

Cursor 2

Press CUR button Cursor 1 will be displayed, Adjust arrow to keep cursor 1 at starting point. Again press CUR button Cursor 2 will be displayed, press arrow button to keep cursor 2 at ending point. The distance will be displayed on the screen