AEMC® INSTRUMENTS
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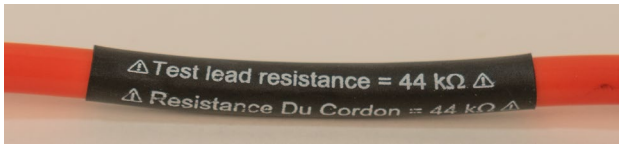
6550 & 6555 Megohmmeter – Lead Compensation Feature

The Red Leads designated for Megohmmeter Models 6550 and 6555 include 1 resistor of 22 kΩ on each end to limit the peak short circuit current.

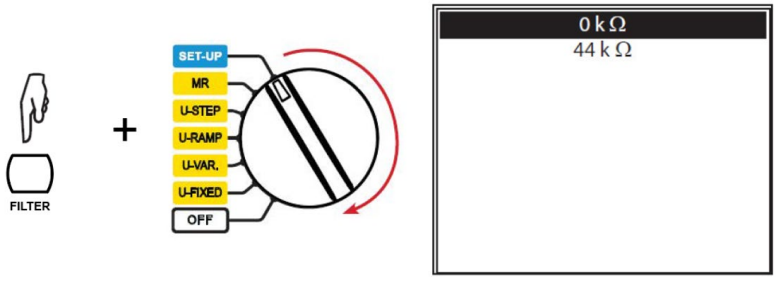
To identify the lead type, the Red Lead is marked with a black section near one end of the lead that indicates the test lead resistance equals 44 kΩ. Older leads were marked with K22 at each end to indicate the 44 kΩ test lead resistance.

NOTE: When troubleshooting issues and checking lead continuity, these leads will not pass a straight continuity test. They will measure 44 kΩ.



All 6550 and 6555 Models with firmware version 2.1 or later allow you to select 0 kΩ or 44 kΩ lead compensation before using the meter.

Users with 44 kΩ marked leads should enable 44 kΩ lead compensation on their 6550/6555. By default, all new products are shipped with 44 kΩ leads and 44 kΩ lead compensation selected.



To enter the lead compensation selection menu, press the **Filter** button and hold it down while turning the switch from the **OFF** position to the **SET-UP** position.

Use the ▲ and ▼ arrow buttons to select 44 kΩ or 0 kΩ. Use the ► arrow button to select the highlighted entry. After a few seconds, the meter will reboot and the value is permanently saved until changed again.

If you are using older leads with no 44 kΩ or K22 markings, like AEMC® Instruments Hippo Clips, the compensation selection should be set to 0 kΩ.

Please visit our YouTube™ channel for a video showing the above configuration process.

Thank you.