

Measure lead TP-C812C



The Measure lead TP-C812C is a low noise differential measure lead designed to be used with the Handyscope TP450. This 2 meter long measure lead splits in two individual ends of each 1.2 meter long. The dual banana socket connector at one end plugs directly on the european mains plug adapter that can be attached to the instrument. The two other ends each feature a single 4 mm banana plug, on which application specific test points, clamps or probes can be plugged.

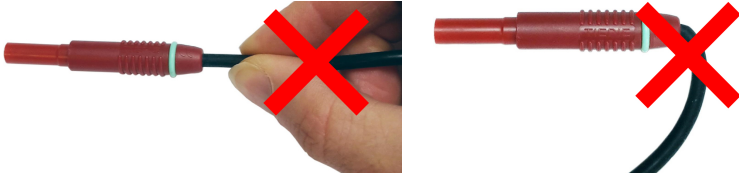
The input of the Handyscope TP450 is differential, which means that both sides of the input have a high impedance. There is no connection to ground as in conventional oscilloscopes which are used with coax cables. Using a coax cable on the instrument would result in the instrument picking up a lot of external interference.

The specially designed Measure lead TP-C812C has a high Common Mode Rejection Ratio (CMRR), it is very insensitive to external interfering signals. The two ends can be placed up to more than two meters apart, while picking up very little interference. With a conventional oscilloscope with a standard probe this is not possible. The maximum distance between the positive side and ground is then usually limited to approximately 20 cm. And this 20 cm is very susceptible to interference.

The Measure lead TP-C812C is very flexible and uses a heat resistant silicone isolation that is also oil resistant. To ensure safety, the banana plugs are shrouded.

Handling

The Measure lead TP-C812C has a silicone insulation, which is smooth, supple, heat resistant and oil resistant. Due to the special construction of the Measure lead TP-C812C the following points must be observed to prevent damage:



- Never pull the lead, only the plug, to remove the plug
- Do not bend the lead close to the plug
- Do not carry the measuring instrument by a connected measuring lead

Failure to observe these points could result in damage to the Measure lead TP-C812C. This damage is not covered by the warranty, but is considered as usage damage.

Specifications

Connectors	
Instrument side	isolated dual 4 mm banana socket
Test point side	red and black 4 mm shrouded banana plugs
Bandwidth	6.5 MHz
Safety	CAT III, 1000 V, double isolated
Dimensions	
Total length	2000 mm
Length to split	800 mm
Length individual ends	1200 mm
Weight	80 g
Color	black
Certifications and compliances	
CE conformity	yes
RoHS	yes
Accessories	
Color coding rings	5 x 3 rings, various colors



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