

Measure lead TP-C812B



The Measure lead TP-C812B is a low noise differential measure lead designed to be used with the:

Handyscope HS4 DIFF	WiFiScope WS4 DIFF
Handyscope HS6 DIFF	WiFiScope WS6 DIFF
ATS5004D	ATS5004DW
ATS610004D-XMSG	ATS610004DW-XMSG
ATS605004D-XMS	ATS605004DW-XMS

This 2 meter long measure lead splits in two individual ends of each 1.2 meter long. The BNC connector at one end plugs directly on 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 inputs of these instruments are 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-C812B 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-C812B is very flexible and uses a heat resistant silicone isolation that is also oil resistant. To ensure safety, the banana plugs have a collar and are shrouded.

Handling

The Measure lead TP-C812B has a silicone insulation, which is smooth, supple, heat resistant and oil resistant. Due to the special construction of the Measure lead TP-C812B 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, the split divider or the BNC
- 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-C812B. This damage is not covered by the warranty, but is considered as usage damage.

Specifications

Connectors	
Instrument side	isolated male BNC connector
Test point side	red and black 4 mm shrouded banana plugs
Bandwidth	6.5 MHz
Safety	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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