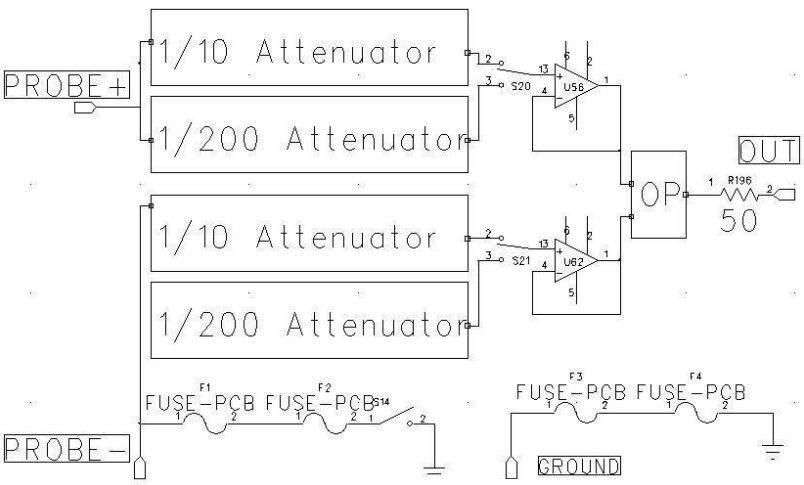
DF-600 High Bandwidth High Voltage Active Differential Probe

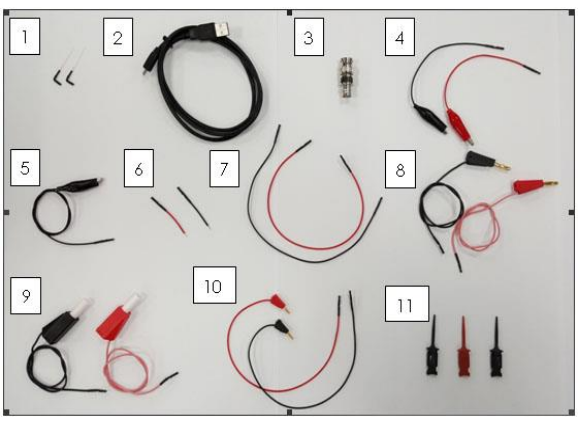
高周波：600Mhz差動プローブ
10:1, 200:1
切り替えスイッチで汎用FETプローブになります

A lot of money will be spent if both a differential probe and an active probe are needed.
If a conventional differential probe is used as an active probe, there will be a big problem when there is a big voltage difference between the target ground and the oscilloscope ground.
This DF-600 Differential Active Probe has a switch to select differential or single-ended mode and another switch to change the measured voltage range.

Diff-probeの概要



Input-lead/adaptor



Specifications

Inputs	
Bandwidth (into 50 ohm input impedance oscilloscope)	600 MHz Differential 400 MHz Single-Ended
DC Gain Accuracy	1%
Voltage Input Range (Differential)	≦30 V with 10:1 Attenuator (DC + AC peak to peak) ≦620 V with 200:1 Attenuator (DC + AC peak to peak)
Voltage Input Range (Single-Ended)	≦15 V with 10:1 Attenuator (DC + AC peak to peak) ≦310 V with 200:1 Attenuator (DC + AC peak to peak)
Non-Destructive Input Range	±1600 V (Max Differential Voltage) ±800 V (Between terminals and ground, single-ended)
Rise Time	≦300 ps
Input Impedance Resistance Capacitance	2.06 MΩ (Between terminals and ground) 1.5 pF (Between terminals and ground) 4.12 MΩ (differential) 0.9 pF (differential)
Output termination impedance	50 Ω
Dimensions	
Dimension	L x W x H 5.88" x 0.88" x 0.52" (149.3mm x 22.3mm x 13.2mm)
Weight	3.9 ounces (110 grams)
Power requirement	USB supporting 5 V @ 160 mA