

Small Signal Differential Probes

CT3688

Small signal differential probe with a 0.1 mV sensitivity and 200 MHz bandwidth. Attenuation is fixed at 10x with a 60 V maximum input voltage. Power is provided by a 6 V DC mains adapter.

Applications include:

- Telecom measurements.
- xDSL applications.
- High speed power measurements
- Differential line transmitter and receiver designs.

Matches Sapphire Instruments SI-200.

Recommended for use by Agilent.



- Up to 20 V differential and 60 V common mode
- 1% Accuracy
- 200 MHz bandwidth (-3 dB)
- Accessories: Spring loaded hook clips, Mains adapter & instruction manual.

Model No.	CT3688
Type	Differential (SI-200)
Bandwidth	200 MHz
Attenuation	10x
Input Impedance, Mohm	500 k Ohm
Input Capacitance, pF	7 pF
Output Impedance, ohm	50 Ohm
Risetime, ns	1.8 ns
CMRR Typical, dB@freq	80@100 Hz; 50@10 MHz
Differential Voltage, V DC + Peak AC	±20 V
Common-Mode Voltage, V DC + Peak AC	±60 V
Voltage Max., V	±60 V
Compensation, pF	—
Length, m	1.3 m
Accuracy, %	±1 %
CE Mark	CE
RoHS (2002/95/EC)	Compliant
Color	N/A