

**SPECIFICATIONS**

**Electrical:**

Attenuation: 10X within 3% (oscilloscope input, 1 MΩ within 2%).

Input Resistance: 10 MΩ within 1.5% (oscilloscope input, 1 MΩ within 2%).

**Approximate Input Capacitance:**

1 Meter (3.3 ft) Blue	2 Meter (6.6 ft) Yellow	3 Meter (9.9 ft) Red
≈ 10.5 pF	≈ 13.0 pF	≈ 15.0 pF

See Fig. 1 and 2. Typical parallel reactance ( $X_p$ ) and resistance ( $R_p$ ) vs. frequency.

Compensation Range: 15 pF to 47 pF.

Bandwidth (-3 dB): At least 100 MHz for the 1 and 2 meter, and at least 95 MHz for the 3 meter.

Maximum Input Voltage: 500 Volts (dc + peak ac), derated with frequency.

See Fig 3, Voltage vs Frequency Derating.

**Environmental:**

Probe operates within specifications over the following ranges:

Temperature: -15°C (+5°F) to +75°C (+167°F).

Altitude: To 15,000 feet.

**Physical:**

**Net Weight (including accessories):**

1 Meter (3.3 ft) Probe: 105 grams (3.7 oz.)

2 Meter (6.6 ft) Probe: 130 grams (4.6 oz.)

3 Meter (9.9 ft) Probe: 153 grams (5.4 oz.)