



### Voltage Derating Curve

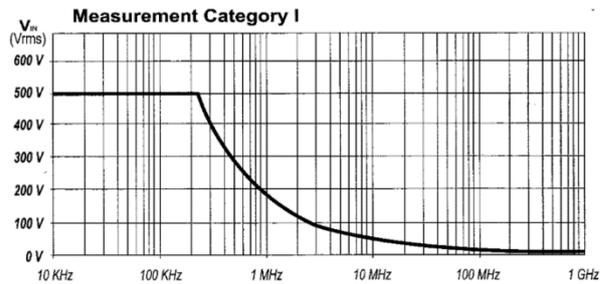


Fig.1

## L8026 -500MHz Passive Probe

### Specifications

Attenuation Ratio	10:1±1%
Bandwidth	DC to 500MHz
Rise Time	0.7nS
Input Resistance	10MΩ when used with oscilloscopes which have 1MΩ input.
Input Capacitance	Approx. 10pF
Compensation Range	10 to 20pF
Max. Input Voltage	Measurement Category I: 500 Vrms (see voltage derating curve on Fig.1) Measurement Category II: 400Vrms
Pollution Degree	Pollution Degree 2 (as defined in EN 61010-031)
Operating Altitude	Up to 3000 meters
Max. Operating Temp.	0°C to +50°C
Humidity	5% to 95% RH (10°C to 30 °C) 5% to 75% RH (30°C to 40 °C) 5% to 50% RH (above 40 °C) RH not controlled below 10°C
Cable Length	1.2 Meter