



Q. What are the frequency range of the coaxial connector type TITAN™ RF probes?

A. They are DC-26GHz, DC-40GHz, DC-50GHz, DC-67GHz, DC-110GHz.

Q. Please let me know the probe pitch and pitch step of the TITAN™ RF probes.

A. We have pitches available from 50 to 1250 μm in 25 μm steps. (May differ by probes. Please find the detail pitches from the data sheets)

Q. What is the material of the probe tip?

A. It is nickel alloy and can be used for both Al and Au pads.

Q. How long is the lifetime of the probe tip?

A. With specified over-travel, and without any accidents, approximately 1M contact.

Q. What is the connector angle of RF Probes?

A. There are 2 types. 45 degree and 90 degree.

Q. Can the TITAN™ probes be used on FFI (Cascade Microtech) positioners?

A. Yes, the screw holes are placed at the same position, and the height is also compatible.

Q. Is a calibration software available?

A. Yes, we offer MPI QAlibria® calibration software, and it can auto calibrate using SOLT, SOL, TMR, TMRR, TRL, Multiline-TRL methods.

Q. Do you offer waveguide probes?

A. Unfortunately, not at this time.

Q. Do you offer dual type probes?

A. Yes we do, but up to 26 GHz.

Q. Do you offer RF calibration substrates?

A. Yes, we offer AC-2(GSG, 100~250 μm), AC-3(GS/SG, 50~250 μm), AC-5(GSG or GS/SG, 250~1250 μm)

Q. Can I use FFI (Cascade Microtech) RF cables with TITAN™ probes?

A. Yes, flexible cables with 2.92 mm, 2.4 mm, 1.85 mm connectors can be used with the corresponding connector TITAN™ probes.

Q. What is the value of the probe tip contact resistance?

A. Approximately 3 mΩ when contacting gold pads.

Q. Please let me know operating temperature of TITAN™ probes?

A. -60°C - +175°C

Q. What is the probe tip size?

A. For standard type, 30 μm (W), RC type, 20 μm (W)

Q. What is the maximum RF power and DC voltage/current that can be applied to the probe?

A. For high power series T26P, max 10 W and 250 V / 2 A (please find details on data sheets).

Q. How do I clean the probe tip?

A. Please use cleaning pad (P/N: TCP-01). For instructions, please refer to "[MPI RF Probe Quick Setup Guide](#)".

Q. Do you have measured comparison data between FFI Infinity and TITAN™ probe?

A. Yes, we do. Please [contact us](#).