



HIGH PERFORMANCE

2.4mm & 1.85mm Precision Adapters

San-tron’s new 2.4mm & 1.85mm Precision Adapters are mode free and deliver best-in class performance. The 2.4mm adapters provide less than 1.20:1 VSWR through 50 GHz. The 1.85 mm adapters provide less than 1.20:1 VSWR through 65 GHz.

The Precision Adapters are available in 2.4mm & 1.85mm in-series configurations with male to male, male to female or female to female gender. 2.4mm & 1.85mm series connectors and adapters are intermateable with performance to 50 GHz.

Adapters provide for gender conversion and are ideal for use as VNA/PNA “port savers” and for other test applications. They feature high-performance gold-plated beryllium copper contacts, polyetherimide (PEI) capture bead, and rugged stainless-steel bodies.



SPECIFICATIONS

Electrical 2.4mm

Frequency Range - DC to 50 GHz

Nominal Impedance - 50 Ohms

VSWR - DC to 50.0 GHz <1.20:1

Electrical 1.85mm

Frequency Range - DC to 65 GHz

Nominal Impedance - 50 Ohms

VSWR -DC to 50.0 GHz <1.20:1

50.0 to 65.0 GHz <1.20:1

Voltage Rating (sea level) 335 VRMS

DWV (sea level) - 1000 VRMS @60Hz

Environmental

Temperature: -65° to +100°C

Mechanical

Durability: 500 Cycles

Materials

Housing - 303 SS

Contact - BeCu, Gold Plated

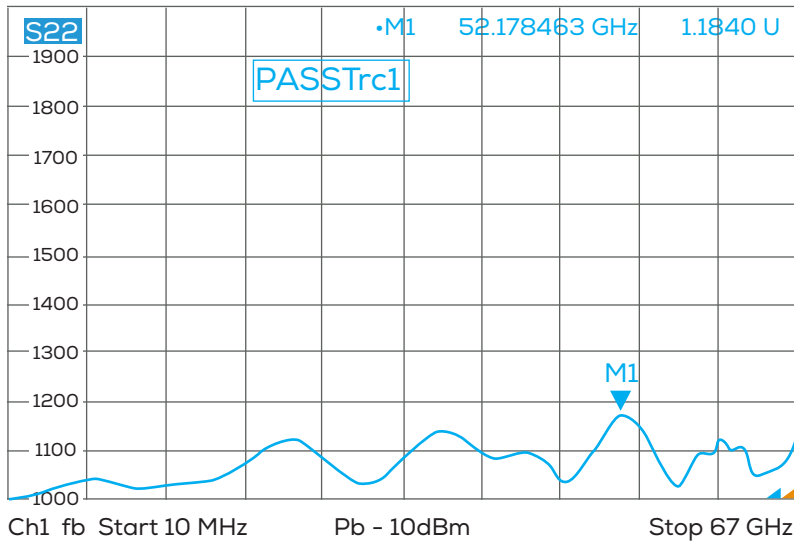
Capture Bead - PEI

ORDERING INFORMATION

Series	Gender		
	Female to Female	Male to Male	Female to Male
2.4mm	4210-04-PJ	4210-05-PJ	4210-06-PJ
1.85mm	5310-04-PJ	5310-05-PJ	5310-06-PJ

VSWR PERFORMANCE

Typical data for 5310-05-PJ



TuffTest™ VNA Test Cables to 67 GHz



TuffTest VNA cables are available in SMA, 2.92mm, 2.4mm and 1.85mm configurations with male to male or male to female gender. These armored test cables provide low VSWR in addition to stable amplitude and phase performance under flexure throughout the specified frequency range.

Unique Solutions for your demanding RF application



With over 65 years of RF – Microwave interconnect design, development, and manufacturing experience, San-tron has the know-how, resources and systems to configure the best interconnect for your demanding RF application. Whether it is a high reliability connector for harsh aerospace or military environments, a high performance flexible, conformable or semi-rigid cable assembly, or custom RF component, we can design and deliver quickly and at a competitive price.

San-tron is located in Ipswich, MA, USA.

To request a quote or learn more about San-tron's High Performance, 2.4mm & 1.85mm Precision Adapters contact:

info@santron.com | 978-356-1585