



HIGH PERFORMANCE

End Launch Microwave Connectors



San-tron's new SMA, 2.92mm, 2.4mm, and 1.85mm end launch connectors are perfect for PCB testing. The connectors come in a standard-profile configuration and are compatible with microstrip and grounded coplanar PCB designs. San-tron End launch RF connectors are mode free and provide best in class VSWR performance throughout their respective operating range.

The new End Launch connectors are available in three PCB pin diameters; .010", .007" and .005" to best complement your PCB layout. They feature high-performance gold-plated beryllium copper contacts and pins, polyetherimide (PEI) capture bead, Teflon (PTFE) insulator and rugged stainless-steel bodies.

SPECIFICATIONS

Electrical	SMA	2.92mm	2.4mm	1.85mm
Frequency Range DC to	27 GHz	40 GHz	50 GHz	67 GHz
VSWR (TYP)	<1.15:1	<1.20:1	<1.30:1	<1.30:1
Nominal Impedance - 50 Ohms				

Environmental

Temperature: -65° to +165°C

Mechanical

Mating Cycles	500
PCB Mating Cycles	100
PCB Clamping Thickness up to	.100"

Materials

Connector Body	303 SS
Block/Clamp	Brass, Nickel Plated
Contact & Pin	BeCu, Gold Plated
Capture Bead	PEI
Insulator	PTFE/Kel-F

PCB Pin / Dielectric Diameter	Series			
	SMA	2.92mm	2.4mm	1.85mm
.005" / .029"	1213-31-PJN	2913-06-PJN	4213-01-PJN	5313-01-PJN
.007" / .039"	1213-32-PJN	2913-05-PJN	4213-02-PJN	
.010" / .0635"	1213-33-PJN	2913-07-PJN		

Other configurations may be provided upon request. Please contact info@santron.com

FIELD REPLACEABLE CONNECTORS



San-tron offers a full range of SMA, 2.92mm, 2.4mm and 1.85mm Field Replaceable connectors with best in class VSWR performance.

FEED THROUGH ACCESSORIES



San-tron offers a wide variety of glass to metal feedthroughs, launch pins and PTFE insulators for use with our Field Replaceable connectors.

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 End Launch Microwave Connectors contact:

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