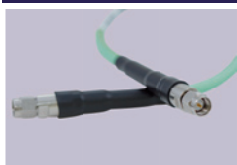


# Overview

## Precision RF Coaxial Connectors



Low VSWR  
STAINLESS STEEL  
0.1 - 110 GHz

THE BEST FOR OUR CUSTOMERS

# Your Connector Experts

No.	Description
3359	1.0mm Plug For .047LL Semi-Rigid Cable
3364	1.0mm Jack For .047LL Semi-Rigid Cable
3284	1.85mm Bulkhead Jack, Solder Clamp For RG-405 Cable
3231	1.85mm Jack For RG-405 Cable
3285	1.85mm Jack, 2-Hole Flange Mount, Solder Clamp For RG-405 Cable
3286	1.85mm Jack, 4-Hole Flange Mount, Solder Clamp For RG-405 Cable
3140	1.85mm Plug, Direct Solder, No Contact For RG-405 Cable
3141	1.85mm Plug, Direct Solder, No Contact, Low Profile For RG-405 Cable
3222	2.4mm Bulkhead Jack, Solder Clamp For RG-405 Cable
3328	2.4mm Jack, Solder Clamp For ATM CF160
3176	2.4mm Jack, Solder Clamp For IW1401 Cable
3223	2.4mm Jack, Solder Clamp For IW1403 Cable
3275	2.4mm Jack, Solder Clamp For IW1501 Cable
3311	2.4mm Jack, Solder Clamp For Semflex HP160
3203	2.4mm Plug, Direct Solder To RG-405 Cable
3327	2.4mm Plug, Solder Clamp For ATM CF160
3314	2.4mm Plug, Solder Clamp For Harbour LL120
3271	2.4mm Plug, Solder Clamp For IW1401 Cable
3276	2.4mm Plug, Solder Clamp For IW1403 Cable
3240	2.4mm Plug, Solder Clamp For IW1501 Cable
3320	2.4mm Plug, Solder Clamp For Semflex HP120
3174	2.4mm Plug, Solder Clamp For Semflex HP160 Cable
3187	2.92mm Bulkhead Jack, Solder Clamp To RG-405 Cable
3330	2.92mm Jack, Solder Clamp For ATM CF160
3158	2.92mm Jack, Solder Clamp For Flex .085 Cable
3264	2.92mm Jack, Solder Clamp For IW1501 Cable
3157	2.92mm Jack, Solder Clamp For RG-405 Cable
3312	2.92mm Jack, Solder Clamp For Semflex HP160
3204	2.92mm Plug For IW1503 Cable
3145	2.92mm Plug, Direct Solder For RG-405 Cable
3146	2.92mm Plug, Direct Solder For RG-405 Cable
3208	2.92mm Plug, Direct Solder To RG-402 Cable
3329	2.92mm Plug, Solder Clamp For ATM Cf160
3219	2.92mm Plug, Solder Clamp For ATM CF-210 Cable
3315	2.92mm Plug, Solder Clamp For Harbour LL120
3156	2.92mm Plug, Solder Clamp For Harbour LL142 Cable
3155	2.92mm Plug, Solder Clamp For IW1501 Cable
3197	2.92mm Plug, Solder Clamp For RG-405 Cable
3321	2.92mm Plug, Solder Clamp For Semflex HP120
3154	2.92mm Plug, Solder Clamp For Semflex HP160 Cable
3300	2.92mm Plug, Solder Clamp For Semflex HP190
3301	2.92mm Plug, Solder Clamp For Times SFT205
3357	2.92mm Plug, Solder Clamp For IW1801 Cable

No.	Description
3282	N Bulkhead Jack, Solder Clamp For Harbour LL142 Cable
3307	N Bulkhead Jack, Solder Clamp For Semflex HP190
3308	N Bulkhead Jack, Solder Clamp For Times SFT205
3181	N Plug (18GHz), Solder Clamp For ATM CF-300 Cable
3177	N Plug (18GHz), Solder Clamp For Harbour LL142 Cable
3180	N Plug (18GHz), Solder Clamp For Harbour LL335 Cable, Standard
3268	N Plug (18GHz), Solder Clamp For Harbour LL335 Cable, robust captivation/ ultem dielectric stop
3178	N Plug (18GHz), Solder Clamp For Semflex HP190 Cable
3260	N Plug (18GHz), Solder Clamp For Semflex HP305 Cable
3182	N Plug (18GHz), Solder Clamp For Semflex LA290 Cable
3319	N Plug, Solder Clamp For Harbour LL120
3239	N Plug, Solder Clamp For Harbour SB142 Cable
3325	N Plug, Solder Clamp For Semflex HP120
3310	N Plug, Solder Clamp For Times SF142b
3302	N Plug, Solder Clamp For Times SFT205
3138	N Plug, Solder Clamp For ATM CF-210 Flexible Cable
3270	N RT. Angle Plug, Solder Clamp For Harbour LL335 Cable
3288	N RT. Angle Plug, Solder Clamp For Semflex LA290
3232	SC Plug For ATM CF-300 Cable
3289	SC Plug, Solder Clamp For Harbour LL335 Cable
3290	SC Plug, Solder Clamp For Semflex LA290
3317	SMA Bulkhead Jack, Solder Clamp For Harbour LL120
3297	SMA Bulkhead Jack, Solder Clamp For Harbour LL142 Cable
3323	SMA Bulkhead Jack, Solder Clamp For Semflex HP120
3298	SMA Bulkhead Jack, Solder Clamp For Semflex HP190
3299	SMA Bulkhead Jack, Solder Clamp For Times SFT205
3185	SMA Jack, 4-Hole Flange Mount, Direct Solder To RG-405 Cable
3186	SMA Jack, 4-Hole Flange Mount, Tapped Holes, Direct Solder To RG-405 Cable
3316	SMA Jack, Solder Clamp For Harbour LL120
3294	SMA Jack, Solder Clamp For Harbour LL142 Cable
3322	SMA Jack, Solder Clamp For Semflex HP120
3295	SMA Jack, Solder Clamp For Semflex HP190
3296	SMA Jack, Solder Clamp For Times SFT205
3205	SMA Plug For Semflex SW110 Cable
3150	SMA Plug, Direct Solder For RG-405 Cable, Wrench Flats
3149	SMA Plug, Direct Solder To RG-405 Cable
3162	SMA Plug, Solder Clamp For ATM CF-160 Cable
3164	SMA Plug, Solder Clamp For ATM CF-210 Cable
3168	SMA Plug, Solder Clamp For ATM CF-300 Cable
3161	SMA Plug, Solder Clamp For Harbour LL120 Cable
3163	SMA Plug, Solder Clamp For Harbour LL142 Cable
3167	SMA Plug, Solder Clamp For Harbour LL335 Cable
3228	SMA Plug, Solder Clamp For Harbour SB142 Cable
3256	SMA Plug, Solder Clamp For Harbour SB316 Cable

No.	Description
3160	SMA Plug, Solder Clamp For IW1201 Cable
3326	SMA Plug, Solder Clamp For IW1501
3159	SMA Plug, Solder Clamp For RG-316DB Cable
3313	SMA Plug, Solder Clamp For Semflex HP160
3165	SMA Plug, Solder Clamp For Semflex HP190 Cable
3169	SMA Plug, Solder Clamp For Semflex LA290 Cable
3309	SMA Plug, Solder Clamp For Times SF142b
3291	SMA Plug, Solder Clamp For Times SFT205
3255	SMA Rt. Angle Plug To ATM CF210 Cable
3283	SMA Rt. Angle Plug, Solder Clamp For Harbour LL142 Cable
3292	SMA Rt. Angle Plug, Solder Clamp For Semflex HP190
3293	SMA Rt. Angle Plug, Solder Clamp For Times SFT205
3238	SMPM Socket, Direct Solder For RG-405 Cable
3234	SMPM Socket, Direct Solder For RG-405 Cable
3207	SSMA Plug, Direct Solder For RG-405 Cable
3153	SSMA Plug, Direct Solder, W/Wrench Flats For RG-405 Cable
3281	TNC Bulkhead Jack, Solder Clamp For Harbour LL142 Cable
3305	TNC Bulkhead Jack, Solder Clamp For Semflex HP190
3306	TNC Bulkhead Jack, Solder Clamp For Times SFT205
3318	TNCA Plug, Solder Clamp For Harbour LL120
3324	TNCA Plug, Solder Clamp For Semflex HP120
3303	TNCA Plug, Solder Clamp For Semflex HP190
3304	TNCA Plug, Solder Clamp For Times SFT205
3248	TNCA Plug, Solder Clamp For ATM CF-300 Cable
3246	TNCA Plug, Solder Clamp For Harbour LL142 Cable
3230	TNCA Plug, Solder Clamp For Harbour LL335 Cable
3247	TNCA Plug, Solder Clamp For Harbour LL335 Cable
3241	TNCA Plug, Solder Clamp For LW2801 Cable
3287	TNCA Plug, Solder Clamp For Semflex LA290



Precision Connector, Inc.



electronic specials  
cables and assemblies  
laser and light



## Our new Partner PCI

Precision RF and Microwave coaxial connectors



### About PCI

The strength of Precision Connector, Inc. stems from the teaming of three highly experienced and competent owner/managers, each possessing decades of experience in their respective fields. The expertise of this core executive team allows PCI to provide the highest levels of sales & customer service, engineering & technical support, and manufacturing quality & expertise. When we say „quality“ at PCI ... it's not just our products we're referring to ... it's how we conduct our business, and it's evident in everything we do to service our customers.

### Management Team

#### Steve McGeary - President

Steve has been around the RF/Microwave connector industry for most of his life and follows in the footsteps of his father, Pete McGeary, who held senior level engineering positions at several major RF connector companies, including Amphenol, Sealectro, ITT Canon, Whitaker and Solitron Microwave. In 1985 Pete founded Connector Gage Company which Steve joined in 1990. The company was purchased by Summation Research, Inc. in 1996 and became SRI Connector Gage Company, where Steve served as Director of Sales & Marketing. In 2000, Steve co-founded S.G. McGeary Company and served as President until his departure in 2006 to lay the groundwork for Precision Connector, Inc.

#### Mike Keating - Vice President \ Director of Engineering

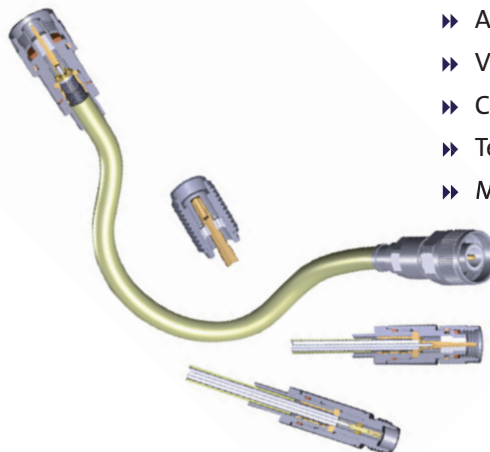
Mike has over 25 years of design experience in the RF/Microwave Industry including Waveguide components at Airtron Division of Litton, Stripline & Microstrip products at Merrimac Industries and RF Connectors at Astrolab. Prior to joining the team at PCI, Mike served over 10 years as Connector Engineering Manager and RF Interconnect Technology Leader at Micro-Coax, Inc. Mike's design expertise spans nearly every type of RF connector with a particular specialization in ionization & multipaction mitigation for high power aircraft & spacecraft systems. Mike is also an active participant in DSCC and EIA committees for RF Connector interface standards.

#### Fred McWilliams - President, Greenwood Machine, Inc. (in-house manufacturing partner)

Fred has spent over 35 years in the machining industry and began his career in 1972 as a machinist for Radio Component Corporation and set-up person for Startronics, Inc. Fred's experience and acquired knowledge led him to assume the role of Manufacturing Manager for Delta Electronics in 1984, and then Director of Operations for Specialty Connector Inc in 1989. In 1993 Fred founded Greenwood Machine, Inc.

### Connector Expertise you can count on

- » CAD Interactive Electromagnetic Design
- » Solid Modeling & Photo Rendering
- » Precision Support Bead Design
- » Time Delay & Discontinuity Analysis
- » Slot & Taper Compensation Analysis
- » Compression Spring Design & Analysis
- » O-Ring & Gasket Seal Design
- » Solder Engagement Analysis
- » Snap Ring Design & Analysis
- » Crimp Termination Design



### Special Services

- » Average Power Analysis
- » Voltage Breakdown Analysis
- » Corona & Ionization Analysis
- » Temperature & Altitude Derating
- » Multipaction Analysis & Prevention



## Our new Partner PCI

### Precision RF and Microwave coaxial connectors

#### Why PCI?

At PCI, our specialty is the design and manufacture of precision RF and Microwave coaxial connectors for both military and commercial applications. Our formula for success and constant goal is to provide you with:

- » Unmatched customer service
- » Unequaled engineering expertise
- » Unparalleled manufacturing capability

With decades of experience in the connector industry, our staff has the ability, the passion and the commitment to deliver the highest quality products and services to our customers.

At PCI, we're your connector experts. Whether you're looking for one of our specialties listed below, a custom design or something completely unique, we have the knowledge and expertise to meet your connector needs.

#### Precision Connector Standard Series

1.0 mm	(DC to 110 GHz)
1.85 mm	(DC to 65 GHz)
2.4 mm	(DC to 50 GHz)
2.92 mm	(DC to 46.5 GHz)
3.5 mm	(DC to 34 GHz)
SMP	(DC to 40 GHz)
SMA	(DC to 18 GHz)   (DC to 26.5 GHz)
TNC	(DC to 12.5 GHz)   (DC to 18 GHz)
N	(DC to 12.5 GHz)   (DC to 18 GHz)
SSMA	(DC to 36 GHz)   (DC to 40 GHz)
Add'l Series	1.0 mm, 7 mm, SMP, SMPM, TK, C, HN, SC



# elspec.

## Your specialist for RF cables and assembling.

elspec GmbH is specialized on sale and assembling the innovative high-frequency cables.

We deliver from stock Geretsried – located 35Km south from Munich in Germany – a wide product line on RF cables in standard configuration as well as special design, e.g according to MIL-C17-standard, semi-rigid, low loss and low noise and last but not least RF-connectors.

elspec is co-operation partner of some leading manufacturer as MICRO-COAX and Harbour Industries.



The assembly of RF-lines in flexible and semi-rigid design is traditional belonging to our strengths.

Our own fabrication produces assemblies and special-connections optimized for applications in accordance with customer's specification or proactively accompany developments of customers in close co-operation.

With RF-connectors we also design custom-made solution of connections.



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