

TEST & MEASUREMENT

Mass InterConnect Solutions

...creating order out of wiring chaos.



PRODUCT CATALOG



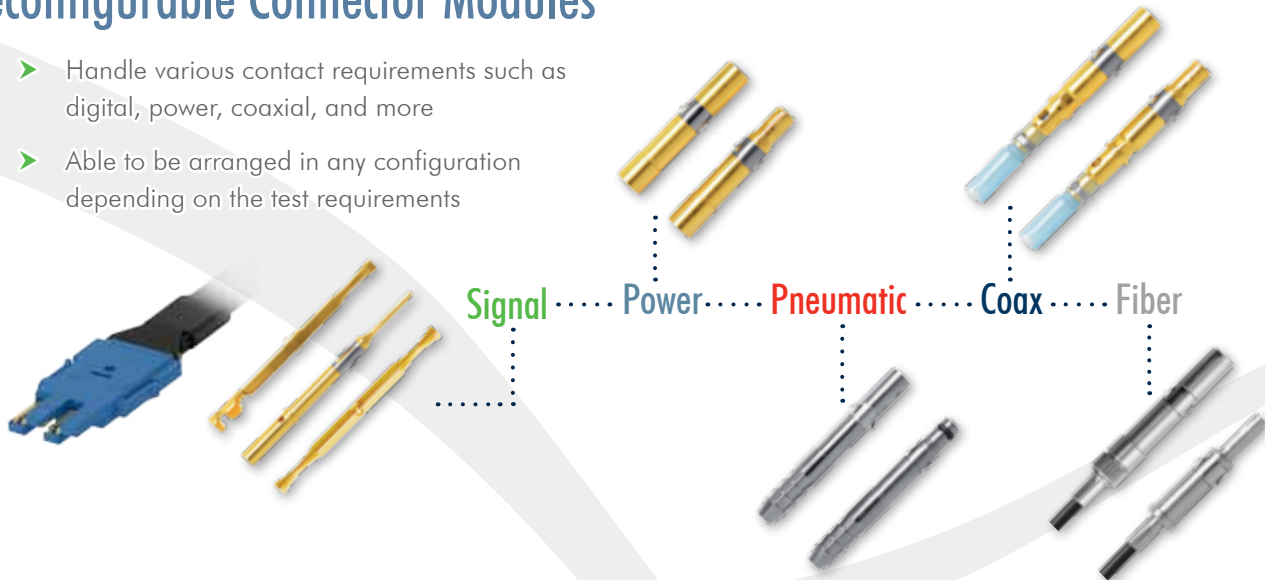
Complete the Package

with Contacts, Modules, Patchcords and Tools.



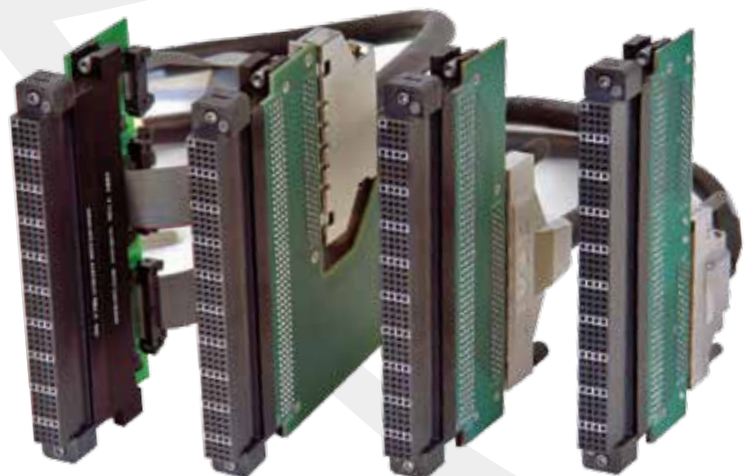
Reconfigurable Connector Modules

- Handle various contact requirements such as digital, power, coaxial, and more
- Able to be arranged in any configuration depending on the test requirements



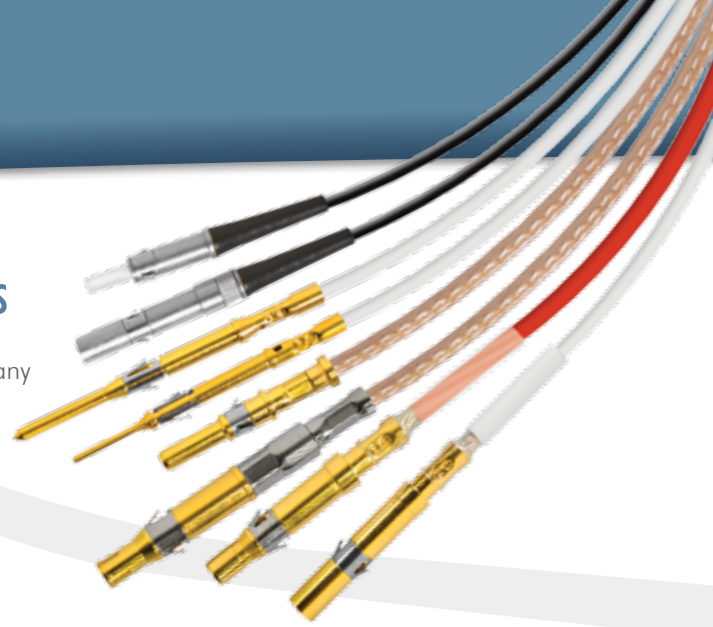
Easy Integration with PCB Adapters

- Enables ease of integration while providing wiring convenience in a cost-effective package
- Incorporates a PCB with multiple standard connectors
- Offers “plug and play” capability between module and instrumentation



Fewer Complications with Patchcords

- Patchcords are available in various lengths to suit any application
- Cost-effective solution for your wiring needs
- Reduced setup time with pre-built patchcords



Variety of Connection Options

- Configurable for virtually any connection requirement
- Reliable connections maintain signal integrity
- Most contacts are rated to 20,000 mating cycles

Complete Tool Selection

- Crimp tools and locators are available to easily terminate contacts and wires
- Extraction tools are available to remove contacts from the module quickly when necessary, saving time
- Inspection tools are available to ensure proper function before system integration



Contacts, Modules and Tools

QuadraPaddle® Signal Contacts ▼

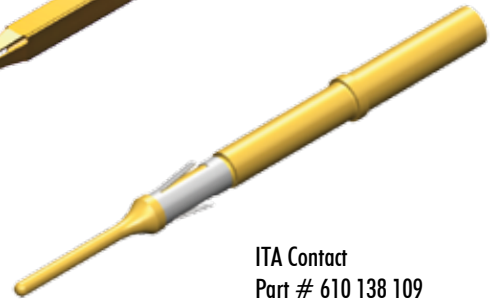
Contact Specifications

Operating Current and Voltage	5 amp max. continuous; 600 volt max. use of wire Mil-W-16878/4
Contact Resistance	25 mΩ max. Measured at 50 mV @ 100 mA
Mating Force	6 oz. nominal [.15 kg]
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Insulation Resistance	5000 MΩ min.
Contact Body Material	Twin Female (RCV) – BeCu/PhBrz Crimp (RCV) – BeCu Male (ITA) – Brass
Contact Plating	Female (RCV) – 30μ" Au over 100μ" Ni Male (ITA) – 30μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

Receiver Contact
Part # 610 138 216



ITA Contact
Part # 610 138 109



ITA Contact
Part # 610 138 122



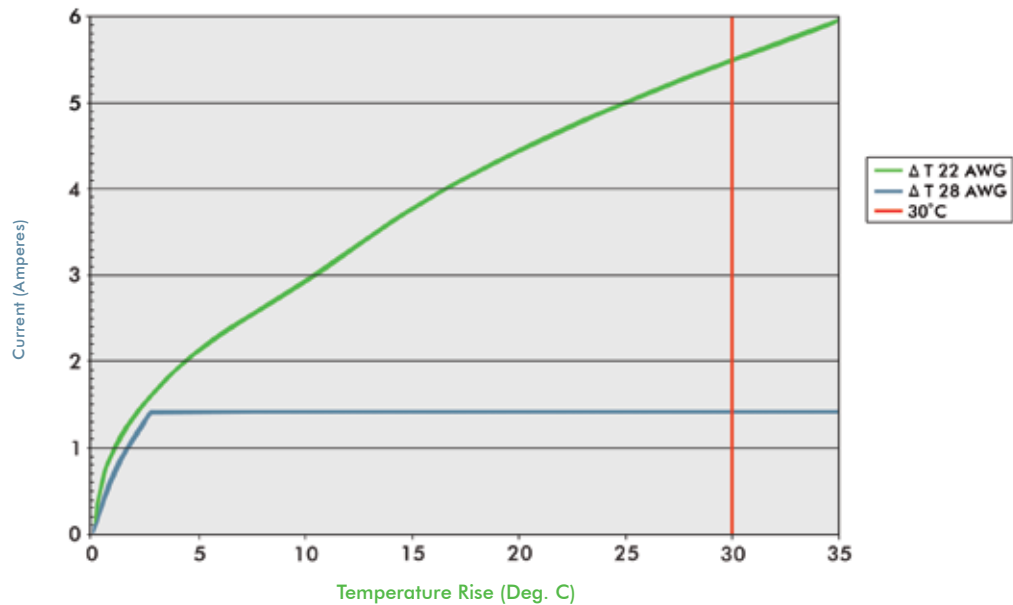
ITA Contact
Part # 610 138 112



ITA Contact
Part # 610 138 115



QuadraPaddle Contact
28 AWG & 22 AWG
T-Rise Test



Maximum current rating for 28 AWG wire is 1.4 amperes

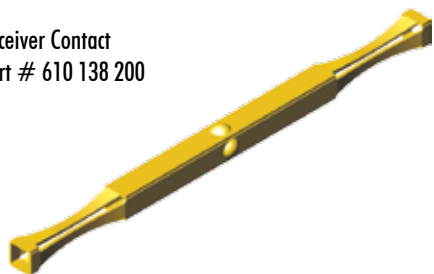
NOTE: For information on high speed applications with QuadraPaddle signal technology, visit vpc.com/QP



QuadraPaddle® Signal Contacts



Receiver Contact
Part # 610 138 200



Round Post Receiver Contact
Part # 610 138 117



Square Post Receiver Contact
Part # 610 138 118



*QuadraPaddle round and square post adapter pins convert
QuadraPaddle twin female pins to female-male contacts*

Part #	Description	Used in Module
QUADRAPADDLE RECEIVER CONTACTS		
610 138 200*	Signal Contact, Receiver, QuadraPaddle, 5 Amp, 30μ" Gold, Twin Female Replacement Contact	510 150 130/131/135 510 150 136/137/147 510 160 105/112/122
610 138 117*	Signal Contact, Receiver, QuadraPaddle, 5 Amp, Male Adapter, .025" Round Post	510 150 130/131/135/137 510 160 105/112/113
610 138 118*	Signal Contact, Receiver, QuadraPaddle, 5 Amp, Male Adapter, .025" Square Post for Wire Wrap	510 150 130/131/136/147 510 160 105/112
610 138 216	Signal Contact, Receiver, QuadraPaddle, 5 Amp, 22-28 AWG, 30μ" Gold	510 150 115/116 510 160 101/102/107
QUADRAPADDLE ITA CONTACTS		
610 138 109	Signal Contact, QuadraPaddle, ITA, 5 Amp, 22-24 AWG	510 151 105/106 510 161 101/102/107
610 138 112	Signal Contact, ITA, QuadraPaddle, 5 Amp, 26-30 AWG	510 151 105/106 510 161 101/102/107
610 138 115	Signal Contact, ITA, QuadraPaddle, 5 Amp, .025" Round Post	510 151 105/106/107/108 510 161 101/102/107
610 138 122	Signal Contact, ITA, QuadraPaddle, 5 Amp, .025" Square Post for Wire Wrap with Anti-Rotation	510 151 105/106/107/124 510 161 101/102/107
*For PCB layouts, please visit vpc.com/PCBlayouts		

Part #	Description	Used on Contact
CRIMP TOOLS		
910 101 125	Tool, Crimp, QuadraPaddle, Receiver	610 138 216
910 101 103	Tool, Crimp, QuadraPaddle ITA and TriPaddle Receiver and ITA Contacts, Locator Required	610 138 109/112 610 110 101/108/109/167/169
LOCATOR		
910 104 140	Tool, Locator, QuadraPaddle, ITA Contact	610 138 109/112
EXTRACTION TOOLS		
910 110 111	Tool, Extraction, ITA, QuadraPaddle	610 138 109/112/115/122
910 110 112	Tool, Extraction, Receiver, QuadraPaddle	610 138 216
INSERTION TOOL		
910 113 106	Tool, Insertion, QuadraPaddle ITA Wire Wrap Contact	610 138 122

QuadraPaddle® Signal Patchcords



QuadraPaddle Receiver Patchcord		QuadraPaddle ITA Patchcord
Part #	Description	Used in Module
QUADRAPADDLE RECEIVER AND ITA PATCHCORDS		
7-124 924 000-036	Signal Patchcord, Receiver, QuadraPaddle, 5 Amp, 36", 24 AWG, Single Ended	510 150 115/116 510 160 101/102/107
7-124 922 000-036	Signal Patchcord, Receiver, QuadraPaddle, 5 Amp, 36", 22 AWG, Single Ended	510 150 115/116 510 160 101/102/107
7-121 924 000-036	Signal Patchcord, ITA, QuadraPaddle, 5 Amp, 36", 24 AWG, Single Ended	510 151 105/106 510 161 101/102/107
7-121 922 000-036	Signal Patchcord, ITA, QuadraPaddle, 5 Amp, 36", 22 AWG, Single Ended	510 151 105/106 510 161 101/102/107
QUADRAPADDLE ITA JUMPERS		
7-121 924 121-006	Signal Patchcord, ITA, QuadraPaddle, 5 Amp, 6", 24 AWG, Double Ended Jumpers	510 151 105/106 510 161 101/102/107
7-121 922 121-006	Signal Patchcord, ITA, QuadraPaddle, 5 Amp, 6", 22 AWG, Double Ended Jumpers	510 151 105/106 510 161 101/102/107



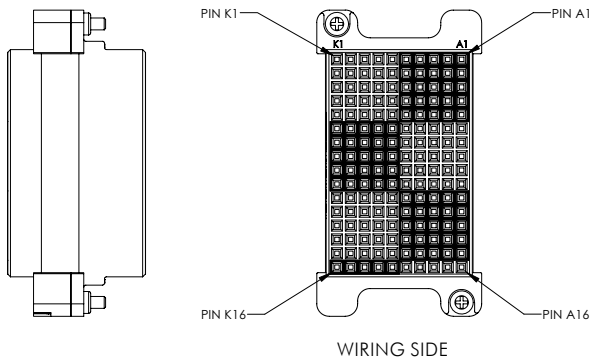
QuadraPaddle Receiver Twisted Pair Patchcord		QuadraPaddle ITA Twisted Pair Patchcord
Part #	Description	Used in Module
QUADRAPADDLE RECEIVER AND ITA TWISTED PAIR PATCHCORDS		
7-124 424 000-036	Signal Patchcord, Receiver, QuadraPaddle, 36", 24 AWG Twisted Pair, Single Ended	510 150 115/116 510 160 101/102/107
7-124 422 000-036	Signal Patchcord, Receiver, QuadraPaddle, 5 Amp, 36", 22 AWG Twisted Pair, Single Ended	510 150 115/116 510 160 101/102/107
7-121 424 000-036	Signal Patchcord, ITA, QuadraPaddle, 36", 5 Amp, 24 AWG Twisted Pair, Single Ended	510 151 105/106 510 161 101/102/107
7-123 426 000-036	Signal Patchcord, ITA, QuadraPaddle, 36", 26 AWG Twisted Pair, Single Ended	
7-121 422 000-036	Signal Patchcord, ITA, QuadraPaddle, 36", 22 AWG Twisted Pair, Single Ended	510 151 105/106 510 161 101/102/107
QUADRAPADDLE ITA TWISTED PAIR JUMPERS		
7-121 424 121-006	Signal Patchcord, ITA, QuadraPaddle, 6", 24 AWG Twisted Pair, Double Ended Jumpers	510 151 105/106 510 161 101/102/107
7-121 422 121-006	Signal Patchcord, ITA, QuadraPaddle, 6", 22 AWG Twisted Pair, Double Ended Jumpers	510 151 105/106 510 161 101/102/107
USB PATCHCORDS		
7-124 872 596-036	Signal Patchcord, Receiver, QuadraPaddle, 36", USB 2.0 Wire, to USB Type A Plug	
7-121 872 596-036	Signal Patchcord, ITA, QuadraPaddle, 36", USB 2.0 Wire, to USB Type A Plug	
RJ45 PATCHCORDS		
7-124 870 595-036	Signal Patchcord, Receiver, QuadraPaddle, 36", CAT5e, to RJ45 Plug	
7-123 870 595-036	Signal Patchcord, ITA, QuadraPaddle, 36", CAT5e, to RJ45 Plug	

NOTE: To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner

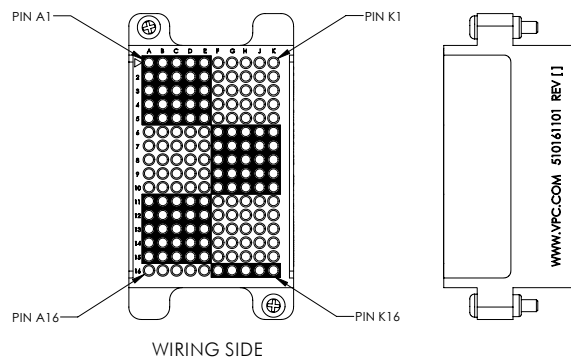
160 Position QuadraPaddle Signal Modules ▼

Module Specifications

Material	Black high-temp thermoplastic
Temperature	Operating • -55°C to 125°C Non-operating • -65°C to 220°C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	160
Module Positions Needed	1



Receiver • Part # 510 160 101



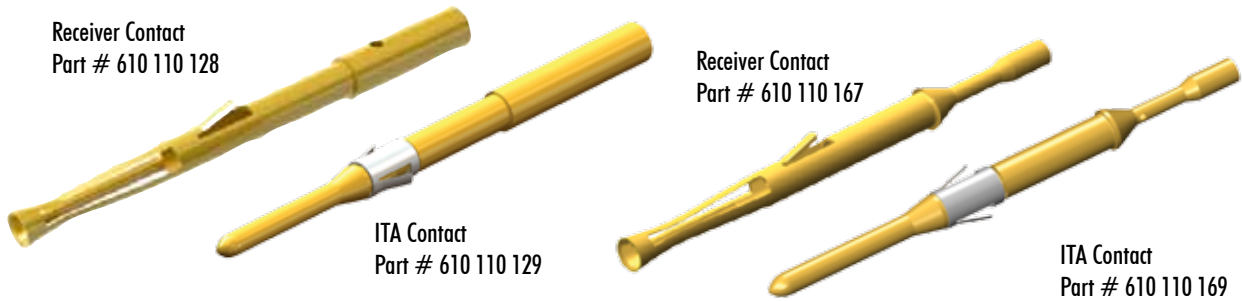
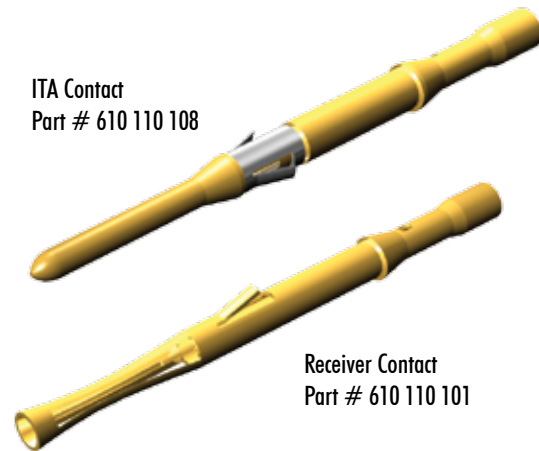
ITA • Part # 510 161 101

Part #	Description	Contacts Used
ICON RECEIVER QUADRAPADDLE MODULES		
510 160 101	Signal Module, Receiver, QuadraPaddle, iCon, 160 Position, for Crimp Contacts	610 138 216
510 160 105	Signal Module, Receiver, QuadraPaddle, iCon, 160 Position, Fully Loaded with Twin Female Contacts (610 138 200)	610 138 117/118/200
510 160 122	Signal Module, Receiver, QuadraPaddle, iCon, 160 Position, Fully Loaded with Twin Female Contacts and Round Posts (610 138 200 and 610 138 117)	610 138 117/200
ICON ITA QUADRAPADDLE MODULE		
510 161 101	Signal Module, ITA, QuadraPaddle, iCon, 160 Position	610 138 109/112/115/122

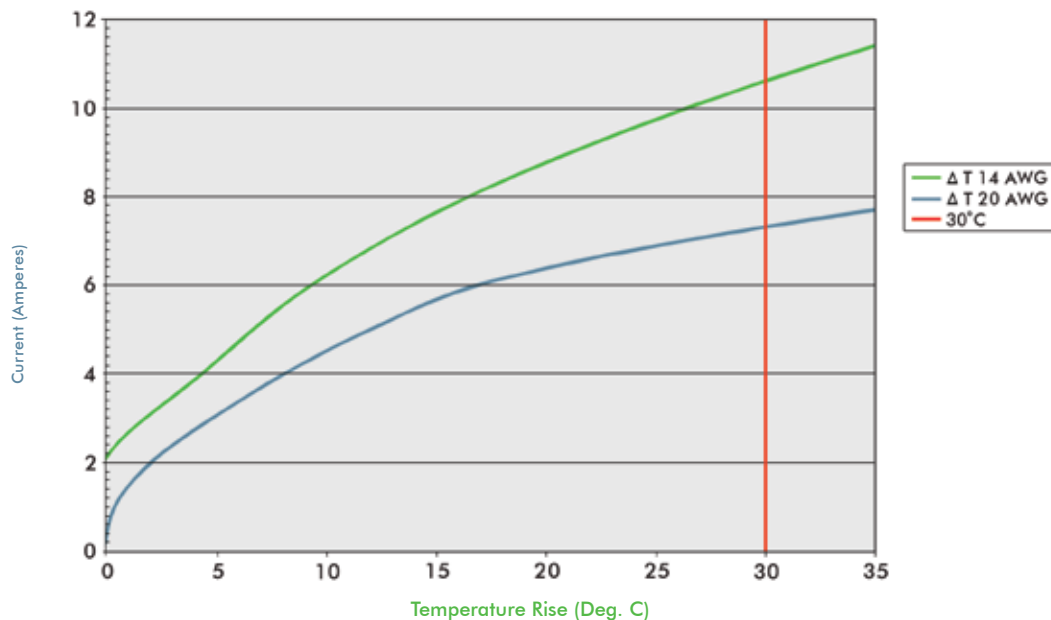
TriPaddle Signal Contacts ▼

Contact Specifications

Operating Current and Voltage	7 amps max. continuous (20 AWG) 10 amps max. continuous (14 AWG) 600 volt max. use of wire MIL-W-16878/4
Contact Resistance	4 mΩ max. Measured at 50 mV @ 100 mA
Mating Force	10 oz. nominal [.25 kg]
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Insulation Resistance	4000 MΩ min.
Contact Body Material	Female (RCV) – BeCu Male (ITA) – brass
Contact Plating	Female (RCV) – 30μ" Au over 100μ" Ni Male (ITA) – 30μ" Au over 100μ" Ni 10 Amp (RCV & ITA) – 50μ" Au over 100μ" Ni
Cycle Life	20,000 cycles



TriPaddle Contact
20 AWG & 14 AWG
T-Rise Test

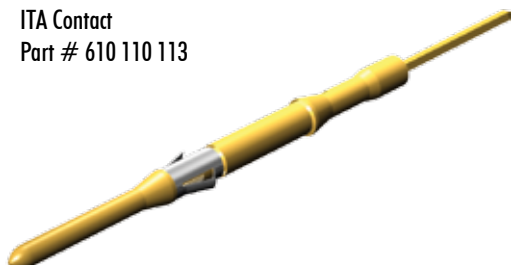




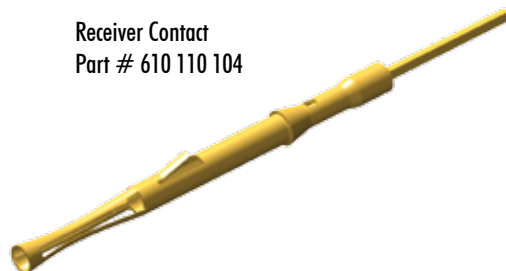
TriPaddle Signal Contacts



ITA Contact
Part # 610 110 113



Receiver Contact
Part # 610 110 104



Part #	Description	Used in Module
TRIPADDLE RECEIVER CONTACTS		
610 110 101	Signal Contact, Receiver, TriPaddle, 7 Amp, 20-24 AWG, 30μ" Gold	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
610 110 128	Signal Contact, Receiver, TriPaddle, 10 Amp, 14-18 AWG max, 50μ" Gold	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
610 110 167	Signal Contact, Receiver, TriPaddle, 7 Amp, 26-28 AWG, 30μ" Gold	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
610 110 177	Signal Contact, Receiver, TriPaddle, 10 Amp, 14-18 AWG, 30μ" Gold	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
610 110 179	Signal Contact, Receiver, TriPaddle, 5 Amp, .025" Round Post, 30μ" Gold	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
TRIPADDLE ITA CONTACTS		
610 110 108	Signal Contact, ITA, TriPaddle, 7 Amp, 20-24 AWG, 30μ" Gold	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
610 110 129	Signal Contact, ITA, TriPaddle, 10 Amp, 14-18 AWG max, 30μ" Gold	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
610 110 146	Signal Contact, ITA, TriPaddle, 7 Amp, 20-24 AWG, 50μ" Gold, Crimp/Solder	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
610 110 169	Signal Contact, ITA, TriPaddle, 7 Amp, 26-28 AWG, 30μ" Gold	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
610 110 113	Signal Contact, ITA, TriPaddle, 7 Amp, .025" Post for Wire Wrap, 30μ" Gold	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115

Part #	Description	Used on Contact
CRIMP TOOLS		
910 101 102	Tool, Crimp, 10 Amp TriPaddle, Thermocouple, Micro Power, Receiver and ITA, Locator Required	610 110 128/129/177
910 101 103	Tool, Crimp, QuadraPaddle and TriPaddle, Receiver and ITA Contacts, Locator Required	610 110 101/108/167/169/179
LOCATORS		
910 104 127	Tool, Locator, TriPaddle, Receiver	610 110 101/167/179
910 104 107	Tool, Locator, TriPaddle, ITA	610 110 108/169
910 104 116	Tool, Locator, TriPaddle, Receiver	610 110 128
910 104 118	Tool, Locator, TriPaddle, ITA	610 110 129
EXTRACTION TOOL		
910 110 102	Tool, Extraction, Receiver and ITA, TriPaddle and Thermocouple	

TriPaddle Signal Patchcords



TriPaddle Receiver Patchcord		TriPaddle ITA Patchcord
Part #	Description	Used in Module
TRIPADDLE RECEIVER AND ITA PATCHCORDS		
7-104 924 000-036	Signal Patchcord, Receiver, TriPaddle, 3 Amp, 36", 24 AWG, Single Ended	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
7-104 922 000-036	Signal Patchcord, Receiver, TriPaddle, 5 Amp, 36", 22 AWG, Single Ended	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
7-102 914 000-036	Signal Patchcord, Receiver, TriPaddle, 10 Amp, 36", 14 AWG, Single Ended	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
7-103 924 000-036	Signal Patchcord, ITA, TriPaddle, 36", 3 Amp, 24 AWG, Single Ended	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115/
7-103 922 000-036	Signal Patchcord, ITA, TriPaddle, 36", 5 Amp, 22 AWG, Single Ended	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
7-101 914 000-036	Signal Patchcord, ITA, TriPaddle, 36", 10 Amp, 14 AWG, Single Ended	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
TRIPADDLE ITA PATCHCORD JUMPERS (DOUBLE ENDED)		
7-103 924 103-006	Signal Patchcord, ITA, TriPaddle, 6", 3 Amp, 24 AWG, Double Ended Jumpers	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
7-103 922 103-006	Signal Patchcord, ITA, TriPaddle, 6", 5 Amp, 22 AWG, Double Ended Jumpers	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
7-101 914 101-006	Signal Patchcord, ITA, TriPaddle, 6", 10 Amp, 14 AWG, Double Ended Jumpers	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115



TriPaddle Receiver Twisted Pair Patchcord		TriPaddle ITA Twisted Pair Patchcord
Part #	Description	Used in Module
TRIPADDLE TWISTED PAIR RECEIVER AND ITA PATCHCORDS		
7-104 424 000-036	Signal Patchcord, Receiver, TriPaddle, 3 Amp, 36", 24 AWG Twisted Pair, Single Ended	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
7-104 422 000-036	Signal Patchcord, Receiver, TriPaddle, 5 Amp, 36", 22 AWG Twisted Pair, Single Ended	510 104 134/136/149/206/243/261/306/307 510 160 103/108/109/111/115/124
7-103 424 000-036	Signal Patchcord, ITA, TriPaddle, 36", 3 Amp, 24 AWG Twisted Pair, Single Ended	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
7-103 422 000-036	Signal Patchcord, ITA, TriPaddle, 36", 5 Amp, 24 AWG Twisted Pair, Single Ended	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
TRIPADDLE ITA TWISTED PAIR PATCHCORD JUMPERS (DOUBLE ENDED)		
7-103 424 103-006	Signal Patchcord, ITA, TriPaddle, 6", 24 AWG Twisted Pair, Double Ended Jumpers	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
7-103 422 103-006	Signal Patchcord, ITA, TriPaddle, 3 Amp, 6", 22 AWG Twisted Pair, Double Ended Jumpers	510 108 101/126/131/178/210/245 510 161 103/108/109/111/115
USB PATCHCORDS		
7-104 872 596-036	Signal Patchcord, Receiver, TriPaddle, 36", USB 2.0 Wire, to USB Type A Plug	
7-103 872 596-036	Signal Patchcord, ITA, TriPaddle, 36", USB 2.0 Wire, to USB Type A Plug	
RJ45 PATCHCORDS		
7-106 870 595-036	Signal Patchcord, Receiver, TriPaddle, 36", CAT5e, to RJ45 Plug	
7-105 870 595-036	Signal Patchcord, ITA, TriPaddle, 36", CAT5e, to RJ45 Plug	

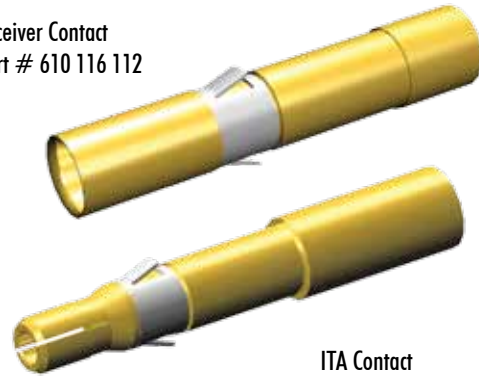
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner.

Mini Power Patchcords, Contacts and Tools

Contact Specifications

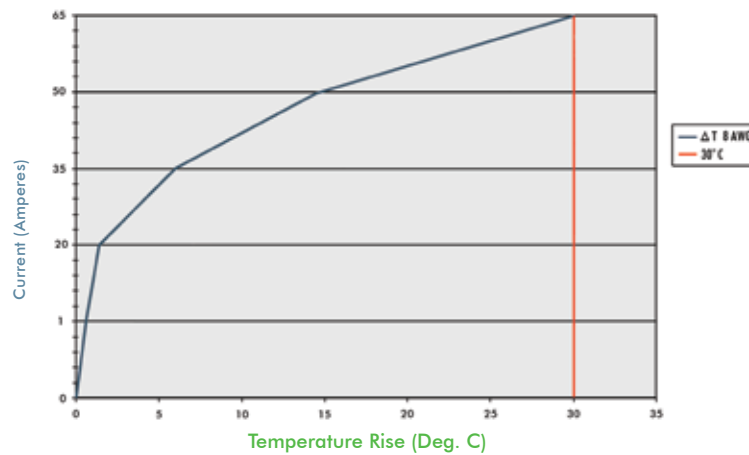
Operating Current	65 amp max. continuous • 8 AWG 40 amp max. continuous • 12 AWG 30 amp max. continuous • 14 AWG 25 amp max. continuous • 16 AWG
Contact Resistance	1 mΩ max.
Mating Force	5.7 lbs max. [2.58 kg]
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Insulation Resistance	1000 MΩ min.
Contact Body Material	Female (RCV) – brass Male (ITA) – BeCu
Contact Plating	50μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

Receiver Contact
Part # 610 116 112



ITA Contact
Part # 610 115 124

Mini Power Contact
610 116 112 / 610 115 124
T-Rise Test



Mini Power Receiver Patchcord

Mini Power ITA Patchcord

Part #	Description	Used in Module
MINI POWER RECEIVER CONTACT		
610 116 112	Mini Power Contact, Receiver, 8 AWG (max.), 50μ" Gold	510 104 123/206 510 160 102/103/104
MINI POWER ITA CONTACTS		
610 115 124	Mini Power Contact, ITA, 8 AWG (max.), 50μ" Gold	510 108 115/178 510 161 102/103/104
610 115 125	Mini Power Contact, ITA, 8 AWG (max.), 30μ" Gold	510 108 115/178 510 161 102/103/104
MINI POWER RECEIVER AND ITA PATCHCORDS		
7-232 912 000-036	Mini Power Patchcord, Receiver, 40 Amp, 36", 12 AWG, White Wire, Single Ended	510 104 123/206 510 160 102/103/104
7-231 912 000-036	Mini Power Patchcord, ITA, 40 Amp, 36", 12 AWG, White Wire, Single Ended	510 108 115/178 510 160 102/103/104
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner .		
EXTRACTION TOOL		
910 112 104	Tool, Extraction, Mini Power/Mini Coaxial/Mini Pneumatic Contacts, Receiver and ITA	



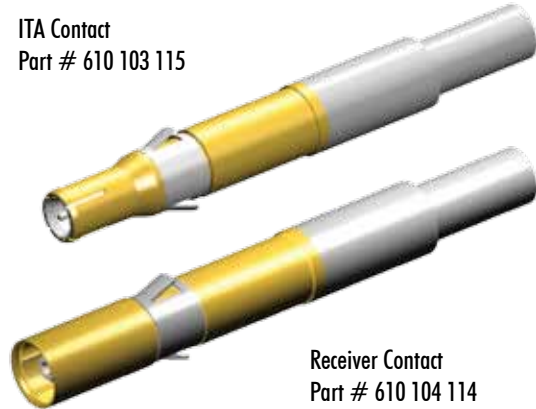
50 Ohm Mini Coaxial Patchcords and Contacts



Contact Specifications

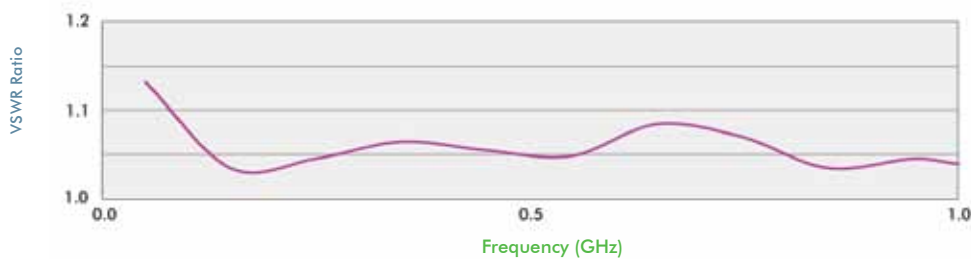
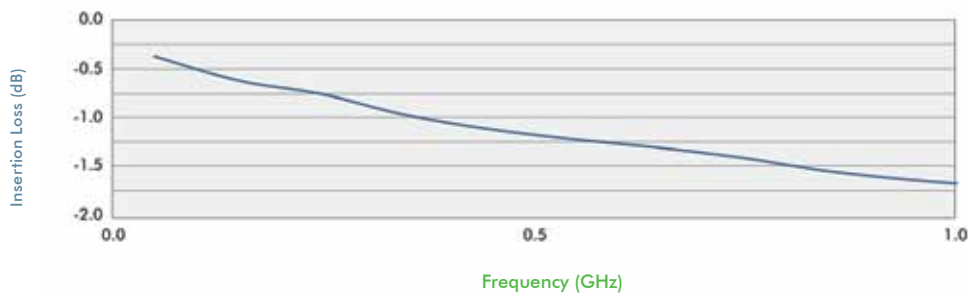
Characteristic Impedance	50 Ω
Frequency Range	DC to 1 GHz
Insertion Loss	1.2 dB @ 1 GHz 1.02 dB @ 500 Mhz
VSWR	≤ 1.06 @ 1 GHz
Operating Current	0.5 amps max. continuous
Contact Resistance	5 mΩ max.
Mating Force	1.5 lbs max. [.68 kg]
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Insulation Resistance	1000 MΩ min.
Contact Body	Shield – brass Center conductor – BeCu
Contact Plating	Shield – 30μ" Au over 100μ" Ni Shield (610 103 115/130/136) – 30μ" Au over 100μ" Ni Center conductor – 60μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

ITA Contact
Part # 610 103 115



Receiver Contact
Part # 610 104 114

Mini Coaxial RF Response
50 Ohm impedance
RG316 & 178 style de-embedded cable (contact only)



50 Ohm Mini Coaxial Patchcords and Contacts ▼



Mini Coaxial Receiver Patchcord		Mini Coaxial ITA Patchcord
Part #	Description	Used in Module
MINI COAXIAL RECEIVER CONTACTS		
610 104 114	Mini Coaxial Contact, Receiver, RG316	510 104 120/150/243/301 510 160 102/103/104
610 104 140	Mini Coaxial Contact, Receiver, with Two .025" Square Posts for Wire Wrap	510 104 120/150/243 510 160 102/103/104
610 104 141	Mini Coaxial Contact, Receiver, RG178	510 104 120/150/243/301 510 160 102/103/104
610 104 160	Mini Coaxial Contact, Receiver, Right Angle Posts for PCB Mount	510 104 280
610 104 149	Mini Coaxial Contact, Receiver, RG316 Double Shield	510 104 120/150/243 510 160 102/103/104
MINI COAXIAL ITA CONTACTS		
610 103 115	Mini Coaxial Contact, ITA, RG316	510 108 111/132/210/276 510 161 102/103/104
610 103 129	Mini Coaxial Contact, ITA, with Two .025" Square Posts for Wire Wrap	510 108 111/132/210 510 161 102/103/104
610 103 130	Mini Coaxial Contact, ITA, RG178	510 108 111/132/210/276 510 161 102/103/104
610 103 136	Mini Coaxial Contact, ITA, 24 AWG	510 108 111/132/210/276 510 161 102/103/104
610 103 150	Mini Coaxial Contact, ITA, with One .025" Round Post and One .02" square post, .075" Spacing	510 108 111/132/210 510 161 102/103/104
610 103 152	Mini Coaxial Contact, ITA, RG316 Double Shield	510 108 111/132/210 510 161 102/103/104
610 103 161	Mini Coaxial Contact, ITA, 24 & 26 AWG Twisted Pair	510 108 111/132/210/276 510 161 102/103/104
610 103 172	Mini Coaxial Contact, ITA, 22 AWG	510 108 111/132/210/276 510 161 102/103/104
610 103 184	Mini Coaxial Contact, ITA, 22 AWG, Twisted Pair	510 108 111/132/210 510 161 102/132/210
MINI COAXIAL RECEIVER AND ITA PATCHCORDS		
7-332 116 000-036	Coaxial, Patchcord, Receiver, Mini Coaxial, 50 Ohm, 36", RG316 Tan, Single Ended	510 104 120/150/243/301 510 160 102/103/104
7-334 178 000-036	Coaxial, Patchcord, Receiver, Mini Coaxial, 50 Ohm, 36", RG178 Tan, Single Ended	510 104 120/150/243/301 510 160 102/103/104
7-331 116 000-036	Coaxial, Patchcord, ITA, Mini Coaxial, 50 Ohm, 36", RG316 Tan, Single Ended	510 108 111/132/210/276 510 161 102/103/104
7-333 178 000-036	Coaxial, Patchcord, ITA, Mini Coaxial, 50 Ohm, 36", RG178 Tan, Single Ended	510 108 111/132/210/276 510 161 102/103/104
7-335 924 000-036	Coaxial, Patchcord, ITA, Mini Coaxial, 50 Ohm, 36", 24 AWG, Single Ended	510 108 111/132/210/276 510 161 102/103/104

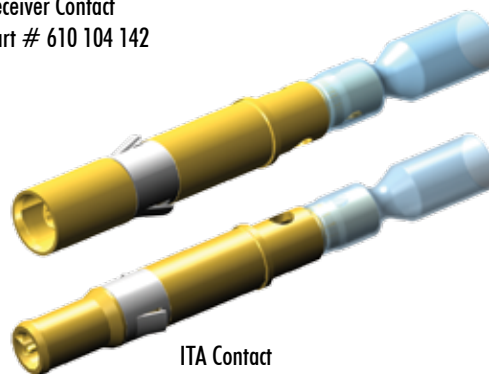
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner.

50 Ohm Mini Coaxial Solder Sleeve Patchcords and Contacts

Contact Specifications

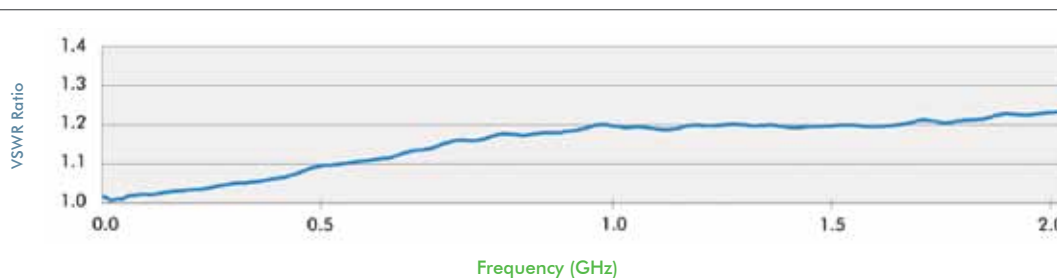
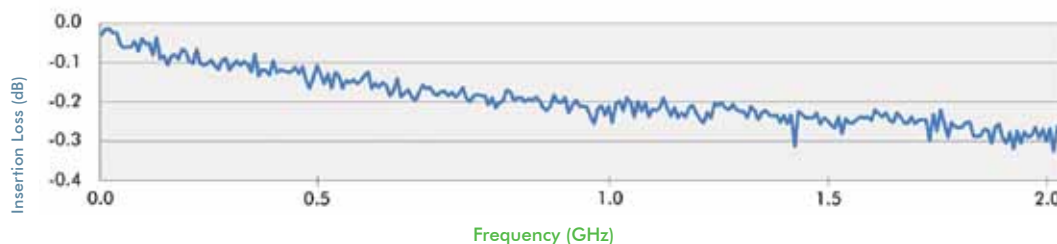
Characteristic Impedance	50 Ω
Frequency Range	DC to 2 GHz
Insertion Loss	.05 dB @ 500 Mhz ≥ -0.3 dB @ 2 GHz
VSWR	≤ 1.2 @ 2 GHz
Operating Current	.5 amp max. continuous
Contact Resistance	5 mΩ max.
Mating Force	1.5 lbs max. [.68 kg]
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Insulation Resistance	1000 MΩ min.
Contact Body	Shield – brass Center Conductor – BeCu
Contact Plating	Shield – RCV • 30μ" Au over 100μ" Ni ITA • 50μ" Au over 100μ" Ni Center conductor – 60μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

Receiver Contact
Part # 610 104 142



ITA Contact
Part # 610 103 140

Mini Coaxial Solder Sleeve RF Response
 50 Ohm impedance
 RG316 & 178 style de-embedded cable (contact only)



Part #	Description	Used in Module
610 104 142	50 OHM MINI COAX SOLDER SLEEVE RECEIVER CONTACT Mini Coaxial Contact, Receiver, Solder Sleeve, RG316 & RG178	510 104 120/150/243 510 160 102/103/104
610 103 140	50 OHM MINI COAX SOLDER SLEEVE ITA CONTACT Mini Coaxial Contact, ITA, Solder Sleeve, RG316 & RG178	510 108 111/132/210 510 161 102/103/104

Contacts, Modules and Tools

Mini Coaxial Solder Sleeve Patchcords and Mini Coaxial Tools ▼



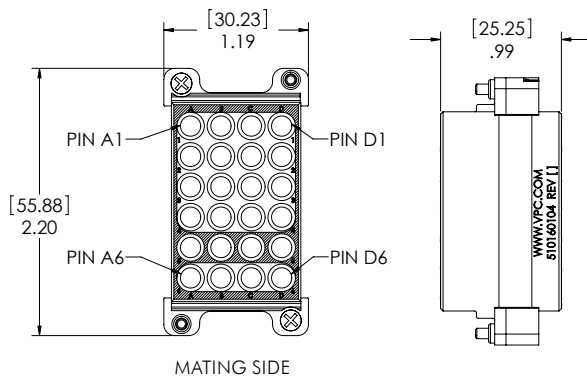
Mini Coaxial Solder Sleeve Receiver Patchcord		Mini Coaxial Solder Sleeve ITA Patchcord
Part #	Description	Used in Module
50 OHM MINI COAX SOLDER SLEEVE RECEIVER AND ITA PATCHCORDS		
7-338 116 000-036	Mini Coaxial Solder Sleeve Patchcord, Receiver, 50 Ohm, 36", RG316, Single Ended	510 104 120/150/243 510 160 102/103/104
7-338 178 000-036	Mini Coaxial Solder Sleeve Patchcord, Receiver, 50 Ohm, 36", RG178, Single Ended	510 104 120/150/243 510 160 102/103/104
7-339 116 000-036	Mini Coaxial Solder Sleeve Patchcord, ITA, 50 Ohm, 36", RG316, Single Ended	510 108 111/132/243 510 161 102/103/104
7-339 178 000-036	Mini Coaxial Solder Sleeve Patchcord, ITA, 50 Ohm, 36", RG178, Single Ended	510 108 111/132/243 510 161 102/103/104
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner .		

Part #	Description	Used on Contact
CRIMP TOOLS		
910 101 115	Tool, Crimp, Coaxial Contacts	610 103 115/130/152/157/161 610 104 114/141/149
910 101 118	Tool, Crimp, Coaxial Contacts, ITA, 24 AWG Wire	610 103 136/161/172/184
LOCATOR		
910 104 128	Tool, Locator, Coaxial Contacts, 24 AWG Wire	610 103 136/161/172/184
EXTRACTION TOOL		
910 112 104	Tool, Extraction, Mini Power/Mini Coaxial/Mini Pneumatic Contacts, Receiver and ITA	610 103 115/129/130 610 103 136/140/150/152/161/172 610 104 114/140/141/142/149
MINI COAXIAL FORMING TOOLS		
910 121 119	Tool, Center Conductor Forming, Mini Coaxial, Receiver (used before assembly)	610 104 114/141
910 121 126	Tool, Outer Shield Conductor Forming, Mini Coaxial, ITA	610 103 115/129/130/136 610 103 140/150/152/161
910 121 142	Tool, Outer Shield Conductor Expanding, Mini Coaxial, ITA	610 103 115/129/130/136 610 103 140/150/152/161
910 121 143	Tool, Center Conductor Enlarging, Mini Coaxial, Receiver	610 104 114/141/149
MINI COAXIAL INSPECTION TOOLS		
910 121 131	Tool, Weight Gage Kit, Mini Coaxial, Receiver	610 104 114/140/141/142/149
910 121 155	Tool, Weight Gage Kit, Mini Coaxial, ITA	610 103 115/129/130/136/140 610 103 150/152/161
910 121 156	Tool, Inspection Depth Gauge, Mini Coaxial, Receiver	610 104 114/140/141/142/149
910 121 157	Tool, Inspection Depth Gauge, Mini Coaxial, ITA	610 103 115/129/130/136 610 103 140/150/152/161
MISCELLANEOUS TOOLS		
910 121 144	Tool, Solder Kit, Mini Coaxial Contacts with Solder Sleeve (includes Raychem Holding Fixture AD-1319)	610 103 140/158 610 104 142
910 121 149	Tool, Adapter for Raychem Holding Fixture (AD-1319-29)	610 103 140/158 610 104 142
910 121 160	Tool, Steinel Heat Gun with Nozzle – 110V	610 103 140/158 610 104 142
910 121 167	Tool, Steinel Heat Gun with Nozzle – 220V	610 103 140/158 610 104 142

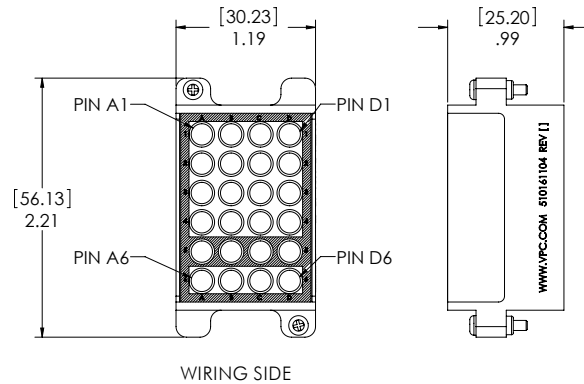
24 Position Mini Power and Mini Coaxial Modules ▼

Module Specifications

Material	Black high-temp thermoplastic
Temperature	Operating • -55° C to 125° C Non-operating • -65° C to 220° C
Dielectric Withstanding Voltage (DWV)	1500 VDC
Available Contact Positions	24
Module Positions Needed	1



Receiver • Part # 510 160 104



ITA • Part # 510 161 104

Part #	Description	Contacts Used	
ICON RECEIVER MINI POWER AND MINI COAXIAL MODULE		MINI POWER	MINI COAX
510 160 104	Mini Power and Mini Coaxial Module, Receiver, iCon, 24 Position	610 116 112	610 104 114 610 104 140 610 104 141 610 104 142 610 104 149
ICON ITA MINI POWER AND MINI COAXIAL MODULE			
510 161 104	Mini Power and Mini Coaxial Module, ITA, iCon, 24 Position	610 115 124 610 115 125	610 103 115 610 103 129 610 103 130 610 103 136 610 103 140 610 103 150 610 103 152 610 103 161 610 103 172 610 103 189

NOTE: Mini Pneumatic contacts (610 132 106 and 610 131 108) and Fiber Optic patchcords can be used with these modules.

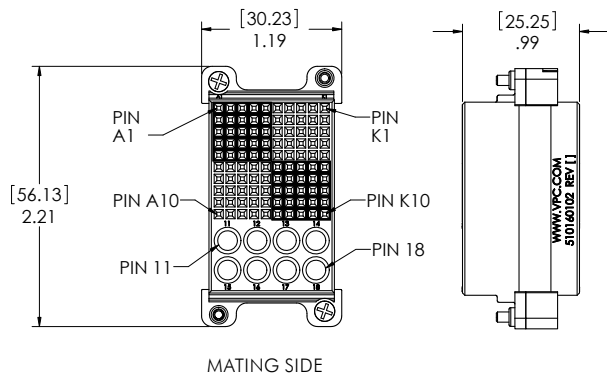
NOTE: Refer to User's Manual for power applications with this module.



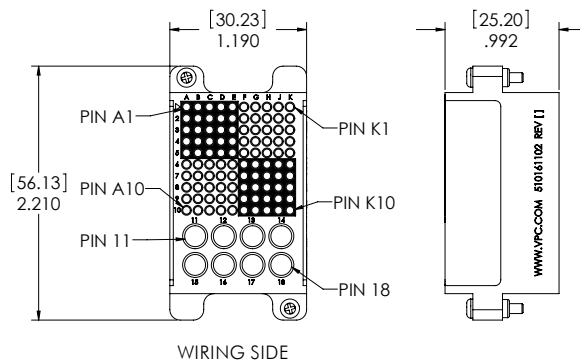
100/8 QuadraPaddle/Mini Power and Mini Coaxial Modules ▼

Module Specifications

Material	Black high-temp thermoplastic
Temperature	Operating • -55° C to 125° C Non-operating • -65° C to 220° C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	100/8
Module Positions Needed	1



Receiver • Part # 510 160 102



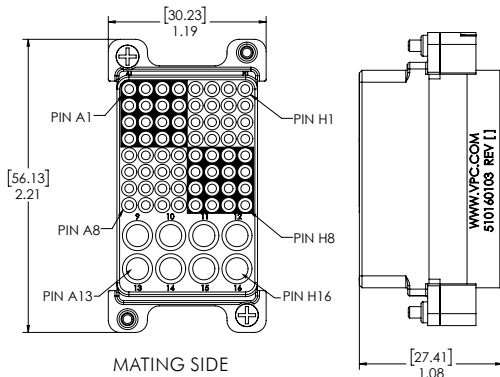
ITA • Part # 510 161 102

Part #	Description	Contacts Used		
		QUADRAPADDLE	MINI POWER	MINI COAX
510 160 102	ICON RECEIVER QUADRAPADDLE/MINI POWER AND MINI COAXIAL MODULE QuadraPaddle Signal/Mini Power and Mini Coaxial Module, Receiver, iCon, 100/8 Position	610 138 216	610 116 112	610 104 114 610 104 140 610 104 141 610 104 142 610 104 149
510 161 102	ICON ITA QUADRAPADDLE/MINI POWER AND MINI COAXIAL MODULE QuadraPaddle Signal/Mini Power and Mini Coaxial Module, ITA, iCon, 100/8 Position	610 138 109 610 138 122 610 138 112 610 138 115	610 115 124 610 115 125	610 103 115 610 103 129 610 103 130 610 103 136 610 103 140 610 103 150 610 103 152 610 103 161 610 103 172 610 103 184

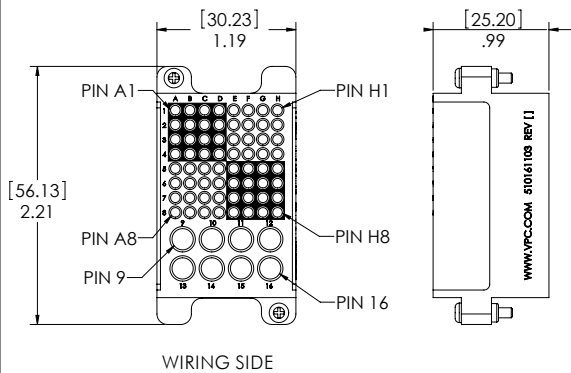
NOTE: Mini Pneumatic contacts (610 132 106 and 610 131 108) and Fiber Optic patchcords can be used with these modules.

64/8 TriPaddle Signal/Mini Power and Mini Coaxial Modules ▼

Module Specifications	
Material	Black high-temp thermoplastic
ITA Material	Black filled black thermoplastic
Temperature	Operating • -55° C to 125° C Non-operating • -65° C to 220° C
ITA Temperature	Operating • -55° C to 125° C Non-operating • -55° C to 140° C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	64/8
Module Positions Needed	1



Receiver • Part # 510 160 103



ITA • Part # 510 161 103

Part #	Description	Contacts Used		
		TRIPADDLE	MINI POWER	MINI COAX
ICON RECEIVER TRIPADDLE SIGNAL/MINI POWER AND MINI COAXIAL MODULE				
510 160 103	TriPaddle Signal/Mini Power and Mini Coaxial Module, Receiver, iCon, 64/8 Position	610 110 101 610 110 128 610 110 167 610 110 177 610 110 179	610 116 112	610 104 114 610 104 140 610 104 141 610 104 142 610 104 149
ICON ITA TRIPADDLE SIGNAL/MINI POWER AND MINI COAXIAL MODULE				
510 161 103	TriPaddle Signal/Mini Power and Mini Coaxial Module, ITA, iCon, 64/8 Position	610 110 108 610 110 113 610 110 129 610 110 169	610 115 124 610 115 125	610 103 115 610 103 129 610 103 130 610 103 136 610 103 140 610 103 150 610 103 152 610 103 161 610 103 172 610 103 184

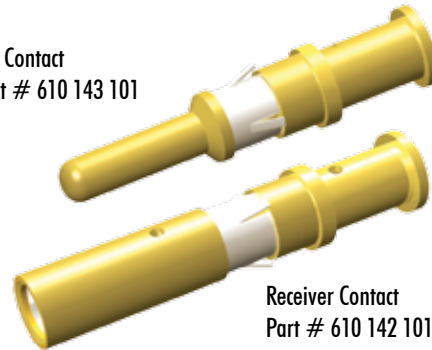
NOTE: Mini Pneumatic contacts (610 132 106 and 610 131 108) and Fiber Optic patchcords can be used with these modules.

Micro Power Contacts and Patchcords ▼

Contact Specifications

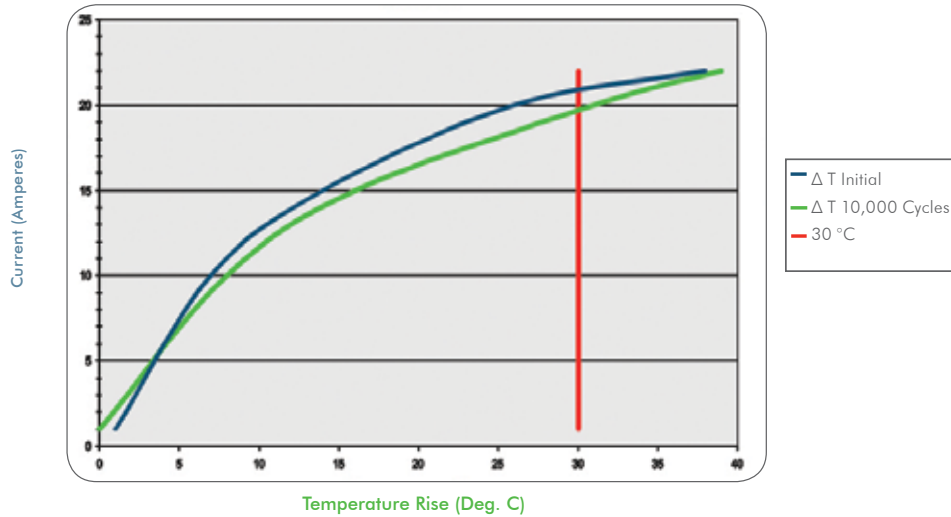
Operating Current	21 amp continuous
Contact Resistance	1.5 mΩ max.
Mating Force	2.0 lbs max. [.91 kg]
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Contact Body Material	Brass
Contact Plating	30μ" Au over 100μ" Ni
Cycle Life	10,000 cycles

ITA Contact
Part # 610 143 101



Receiver Contact
Part # 610 142 101

Micro Power Contact 610 142 101/610 143 101
T-Rise Test (12 AWG)



Part #	Description	Used in Module
MICRO POWER RECEIVER CONTACTS		
610 142 101	Micro Power Contact, Receiver, 12-14 AWG, Crimp	510 104 267/270/306 510 160 106/107/111/112/113
610 142 102	Micro Power Contact, Receiver, PCB Mount	510 104 267/270/306 510 160 106/107/111/112/113
MICRO POWER ITA CONTACTS		
610 143 101	Micro Power Contact, ITA, 12-14 AWG, Crimp	510 108 262/263 510 161 106/107/111
MICRO POWER RECEIVER AND ITA PATCHCORDS		
7-252 912 000-036	Power Patchcord, Receiver, Micro Power, 36", 12 AWG White, Single Ended	510 104 267/270/306 510 160 106/107/111/112/113
7-251 912 000-036	Power Patchcord, ITA, Micro Power, 36", 12 AWG White, Single Ended	510 108 262/263 510 161 106/107/111
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner .		
CRIMP TOOLS		
910 101 102	Tool, Crimp, 10 Amp TriPaddle, Thermocouple, Micro Power, Receiver and ITA, Locator Required	
910 104 144	Tool, Locator, Micro Power, ITA	
910 104 145	Tool, Locator, Micro Power, Receiver	
EXTRACTION TOOL		
910 112 123	Tool, Extraction, Micro Power/Micro Coaxial Contacts	



Micro Coaxial Contacts and Patchcords ▼

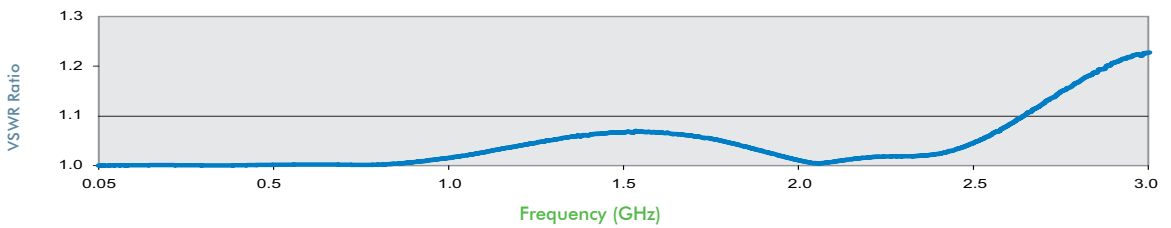
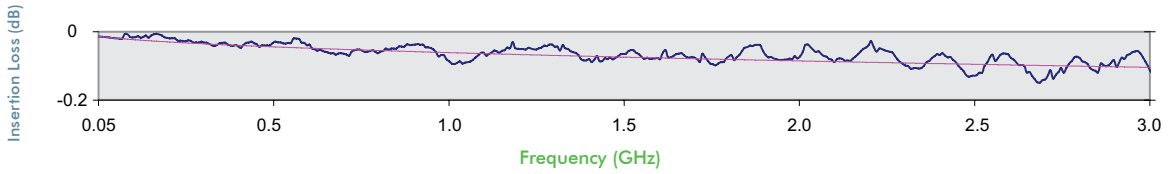
Contact Specifications		<p>ITA Contact Part # 610 141 XXX</p> <p>Receiver Contact Part # 610 140 XXX</p>
Characteristic Impedance	50 Ω 75 Ω • for RG179 50 Ω • for RG316 double shield	
Frequency Range	DC – 3 GHz • 50 Ω DC – 2 GHz • for RG179 DC – 10.5 GHz • for RG316 double shield	
Contact Isolation	–90 dB minimum	
VSWR	1.22 @ 3 GHz • 50 Ω 1.39 @ 2 GHz • for RG179 1.0225 +.05 f(GHz) • for RG316 double shield	
Mating Force	1.5 lbs max. [.68 kg]	
Insertion Loss	– √f(GHz) x .06 dB	
Dielectric Withstanding Voltage (DWV)	800 volts RMS	
Contact Plating	50μ" Au over 100μ" Ni	
Cycle Life	10,000 cycles	

Part #	Description	Used in Module
MICRO COAXIAL RECEIVER CONTACTS		
610 140 101	Micro Coaxial Contact, Receiver, RG316, Crimp	510 104 267/270/306 510 160 106/107/111/112/113
610 140 102	Micro Coaxial Contact, Receiver, RG178, Crimp	510 104 267/270/306 510 160 106/107/111/112/113
610 140 103	Micro Coaxial Contact, Receiver, RG179, Crimp	510 104 267/270/306 510 160 106/107/111/112/113
610 140 104	Micro Coaxial Contact, Receiver, RG316 Double Shield, Solder	510 104 267/270/306 510 160 106/107/111/112/113
MICRO COAXIAL ITA CONTACTS		
610 141 101	Micro Coaxial Contact, ITA, RG316, Crimp	510 108 262/263 510 161 106/107/111
610 141 102	Micro Coaxial Contact, ITA, RG178, Crimp	510 108 262/263 510 161 106/107/111
610 141 103	Micro Coaxial Contact, ITA, RG179, Crimp	510 108 262/263 510 161 106/107/111
610 141 104	Micro Coaxial Contact, ITA, RG316 Double Shield, Solder	510 108 262/263 510 161 106/107/111

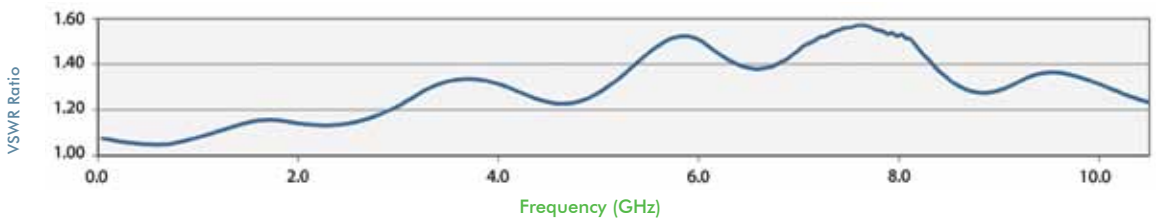
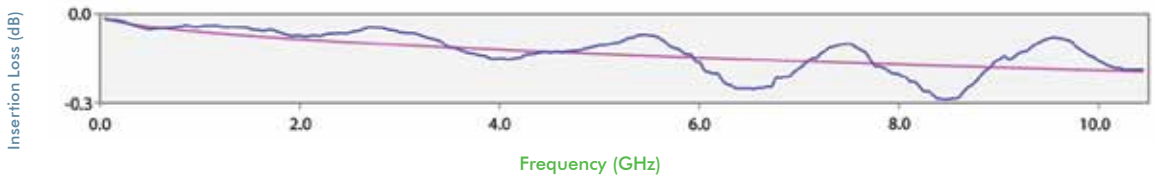
For information on high speed applications with 50 Ohm Micro Coaxial, visit vpc.com/highspeed

Micro Coaxial Contacts and Patchcords ▼

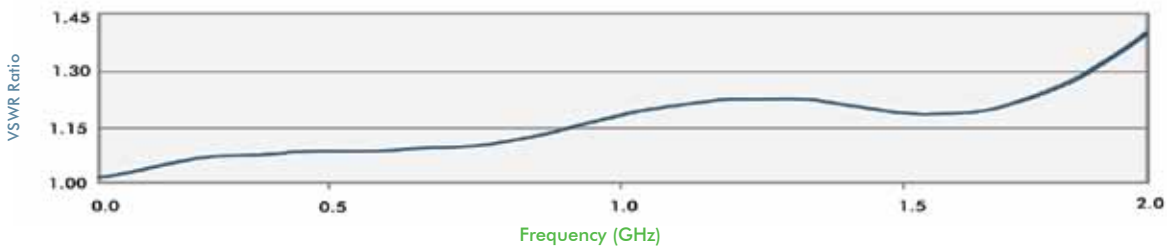
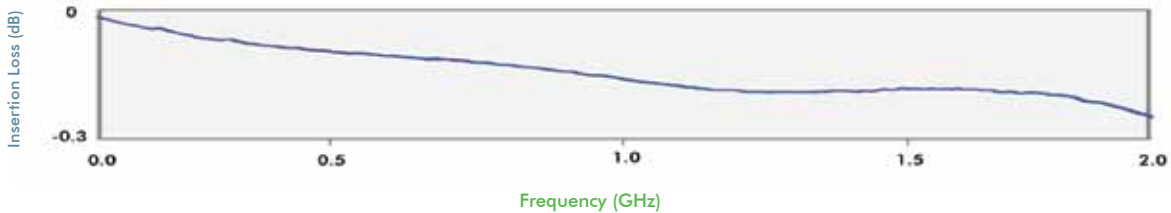
Micro Coax RF Response
RG316 50 Ohm impedance



Micro Coax RF Response
50 Ohm impedance Double Shield
RG316DS style de-embedded cable (contact only)



Micro Coax RF Response
75 Ohm impedance
RG179 style de-embedded cable (contact only)





Micro Coaxial Patchcords and Tools



Micro Coaxial Receiver Patchcord

Micro Coaxial ITA Patchcord

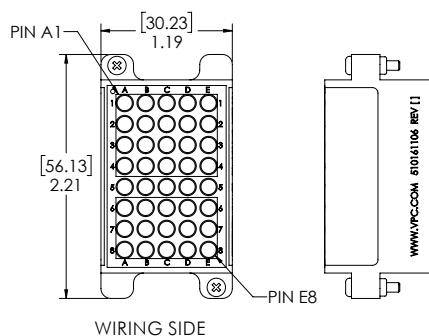
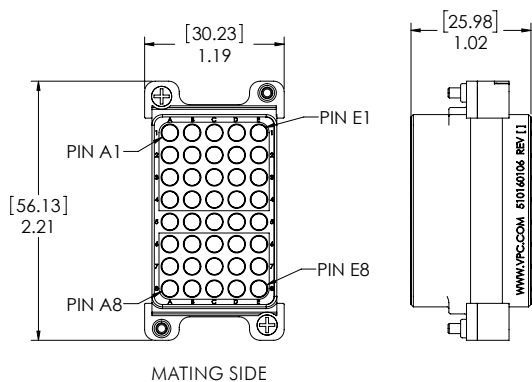
Part #	Description	Used in Module
MICRO COAXIAL RECEIVER AND ITA PATCHCORDS		
7-362 116 000-036	Coaxial Patchcord, Receiver, Micro Coaxial, 50 Ohm, 36", RG316 Tan, Single Ended	510 104 267/270/306 510 160 106/107/111/112/113
7-364 178 000-036	Coaxial Patchcord, Receiver, Micro Coaxial, 36", RG178BU Tan, Single Ended	510 104 267/270/306 510 160 106/107/111/112/113
7-366 179 000-036	Coaxial Patchcord, Receiver, Micro Coaxial, 36", RG179U Tan, Single Ended	510 104 267/270/306 510 160 106/107/111/112/113
7-368 117 000-036	Coaxial Patchcord, Receiver, Micro Coaxial, 36", RG316 Double Shield Tan, Single Ended	510 104 267/270/306 510 160 106/107/111/112/113
7-361 116 000-036	Coaxial Patchcord, ITA, Micro Coaxial, 36", RG316 Tan, Single Ended	510 108 262/263 510 161 106/107/111
7-363 178 000-036	Coaxial Patchcord, ITA, Micro Coaxial, 36", RG178BU Tan, Single Ended	510 108 262/263 510 161 106/107/111
7-365 179 000-036	Coaxial Patchcord, ITA, Micro Coaxial, 36", RG179U Tan, Single Ended	510 108 262/263 510 161 106/107/111
7-367 117 000-036	Coaxial Patchcord, ITA, Micro Coaxial, 36", RG316 Double Shield Tan, Single Ended	510 108 262/263 510 161 106/107/111
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner .		

Part #	Description	Used on Contact
CRIMP TOOLS		
910 101 131	Tool, Crimp, Micro Coaxial RG178, Receiver and ITA	610 140 102 & 610 141 102
910 101 132	Tool, Crimp, Micro Coaxial RG179 & RG316, Receiver and ITA	610 140 101/103 610 141 101/103
910 101 135	Tool, Locator, Micro Coaxial, Receiver	610 142 101/102
910 101 139	Tool, Locator, Micro Coaxial, ITA	610 143 101
INSPECTION TOOLS		
910 121 179	Tool, Inspection Depth Gage, Micro Coaxial, Receiver	610 140 101/102/103/104
910 121 180	Tool, Inspection Depth Gage, Micro Coaxial, ITA	610 141 101/102/103/104
EXTRACTION TOOL		
910 112 123	Tool, Extraction, Micro Power/Micro Coaxial Contacts	610 140 101/102/103/104 610 141 101/102/103/104
SOLDERING FIXTURE		
910 121 178	Tool, Soldering Fixture, Micro Coaxial, Receiver and ITA	610 140 101/102/103/104 610 141 101/102/103/104

40 Position Micro Power and Micro Coaxial Modules

Module Specifications

Material	Black high-temp thermoplastic
Temperature	Operating • -55° C to 125° C Non-operating • -65° C to 220° C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	40
Module Positions Needed	1



Receiver • Part # 510 160 106

ITA • Part # 510 161 106

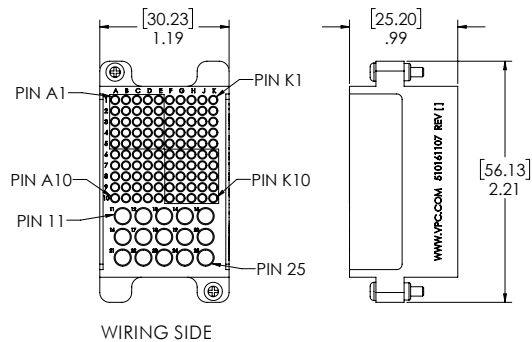
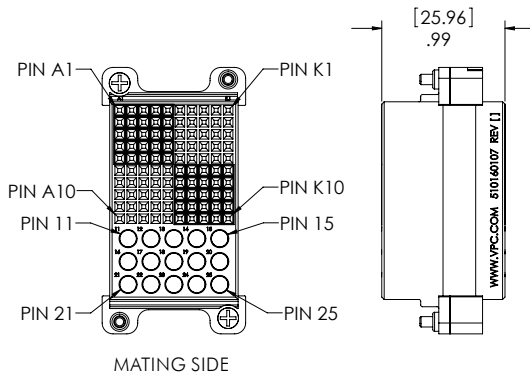
Part #	Description	Contacts Used	
		MICRO POWER	MICRO COAX
ICON RECEIVER MICRO POWER AND MICRO COAX MODULE			
510 160 106	Micro Power and Micro Coaxial Module, Receiver, iCon, 40 Position	610 142 101/102	610 140 101/102 610 140 103/104
ICON ITA MICRO POWER AND MICRO COAX MODULE			
510 161 106	Micro Power and Micro Coaxial Module, ITA, iCon, 40 Position	610 143 101	610 141 101/102 610 141 103/104

NOTE: Refer to User's Manual for power applications with this module.

100/15 QuadraPaddle/Micro Power and Micro Coaxial Modules ▼

Module Specifications

Receiver/ITA Module Material	Black high-temp thermoplastic
Receiver/ITA Module Temperature	Operating • -55° C to 125° C Non-operating • -65° C to 220° C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available QuadraPaddle Positions	100
Available Micro Power/Micro Coaxial Positions	15
Module Positions Needed	1



Receiver • Part # 510 160 107

ITA • Part # 510 161 107

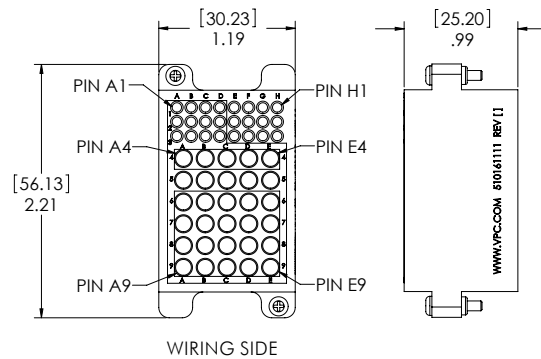
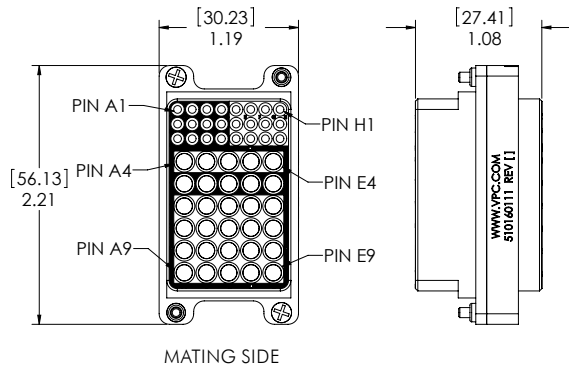
Part #	Description	Contacts Used		
		QUADRAPADDLE	MICRO POWER	MICRO COAX
ICON RECEIVER QUADRAPADDLE/MICRO POWER AND MICRO COAXIAL MODULE				
510 160 107	QuadraPaddle Signal / Micro Power and Micro Coaxial Module, Receiver, iCon, 100/15 Position, for Crimp Contacts	610 138 216 610 138 116	610 142 101 610 142 102	610 140 101 610 140 102 610 140 103 610 140 104
510 160 112	QuadraPaddle Signal / Micro Power and Micro Coaxial Module, Receiver, iCon, 100/15 Position, with Twin Female Signal Contacts (610 138 200)	610 138 200 610 138 117 610 138 118 610 138 100	610 142 101 610 142 102	610 140 101 610 140 102 610 140 103 610 140 104
510 160 113	QuadraPaddle Signal / Micro Power and Micro Coaxial Module, Receiver, iCon, 100/15 Position, Fully Loaded with Twin Female Contacts and Round Posts (610138200 and 610138117)	610 138 200 610 138 117	610 142 101 610 142 102	610 140 101 610 140 102 610 140 103 610 140 104
ICON ITA QUADRAPADDLE/MICRO POWER AND MICRO COAXIAL MODULE				
510 161 107	QuadraPaddle Signal / Micro Power and Micro Coaxial Module, ITA, iCon, 100/15 Position	610 138 109 610 138 122 610 138 112 610 138 115	610 143 101	610 141 101 610 141 102 610 141 103 610 141 104



24/30 TriPaddle Signal/Micro Power and Micro Coaxial Modules ▼

Module Specifications

Material	G10 epoxy glass
Temperature	Operating • -55°C to 125°C Non-operating • -55°C to 140°C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	24/30
Module Positions Needed	1



Receiver • Part # 510 160 111

ITA • Part # 510 161 111

Part #	Description	Contacts Used		
		TRIPADDLE	MICRO POWER	MICRO COAX
ICON RECEIVER TRIPADDLE SIGNAL/MICRO POWER AND MICRO COAXIAL MODULE				
510 160 111	TriPaddle Signal/Micro Power and Micro Coaxial Module, Receiver, iCon, 24/30 Position	610 110 101 610 110 128 610 110 167 610 110 177 610 110 179	610 142 101 610 142 102	610 140 101 610 140 102 610 140 103 610 140 104
ICON ITA TRIPADDLE SIGNAL/MICRO POWER AND MICRO COAXIAL MODULE				
510 161 111	TriPaddle Signal/Micro Power and Micro Coaxial Module, ITA, iCon, 24/30 Position	610 110 108 610 110 113 610 110 129 610 110 169	610 143 101	610 141 101 610 141 102 610 141 103 610 141 104

NOTE: Refer to User's Manual for power applications with this module.



High Power Contacts and Patchcords



Contact Specifications

Operating Current	150 amp continuous (using 2 AWG wire)
Contact Resistance	.35 mΩ
Mating Force	2.5 lbs max. [1.13 kg]
Operating Voltage	600V
Operating Temperature	-40°C to 125 °C
T-Rise	+40°C at 150 amps +30°C at 125 amps
Contact Body Material	Cu alloy Internal contact beams - Cu alloy
Contact Plating	Body - 30μ" Au over 100μ" Ni Internal contact beams - 5μ" Ag over 50μ" Ni
Contact Termination	Crimp
Cycle Life	10,000 cycles

Receiver Contact • Part # 610 149 101



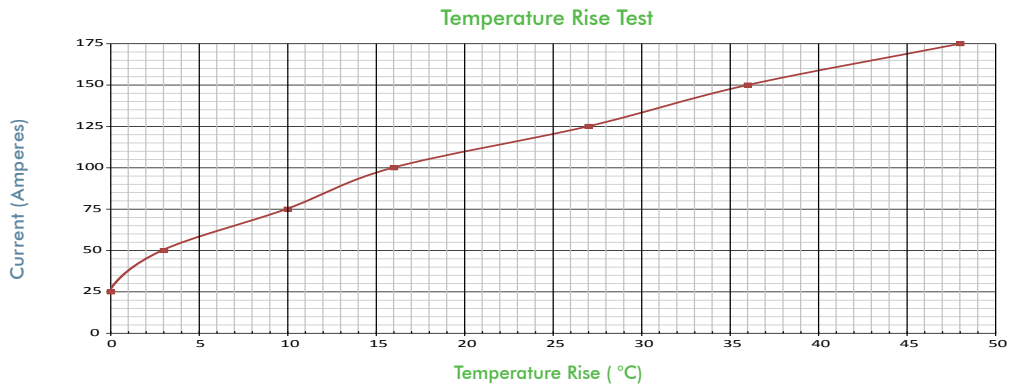
ITA Contact • Part # 610 150 101



150 Amp High Power Receiver Patchcord

150 Amp High Power ITA Patchcord

Temperature Rise Test
150 Amp High Power Contacts



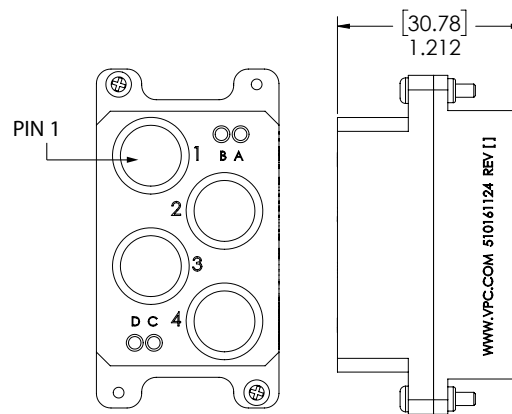
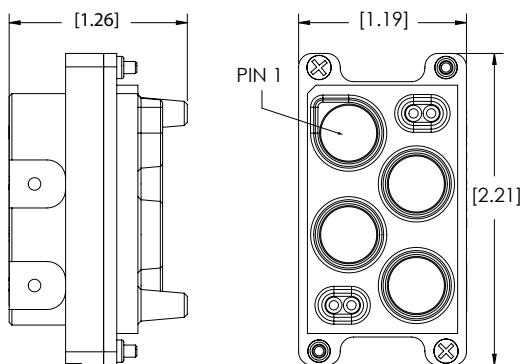
Part #	Description	Used in Module
150 AMP HIGH POWER RECEIVER CONTACT		
610 149 101	High Power Contact, Receiver, 150 Amps, 2 AWG, 30μ" Gold	510 104 307 510 160 124
150 AMP HIGH POWER ITA CONTACT		
610 150 101	High Power Contact, ITA, 150 Amps, 2 AWG, 30μ" Gold	510 108 281 510 161 124
150 AMP HIGH POWER RECEIVER AND ITA PATCHCORDS		
7-221 902 000-036	High Power Contact, Receiver, 150 Amps, 36", 2 AWG, Single Ended	510 104 307 510 160 307
7-222 902 000-036	High Power Contact, ITA, 150 Amps, 36", 2 AWG, Single Ended	510 108 281 510 161 124
CRIMP TOOLS		
910 102 116	Tool, Crimp Kit (Pneumatic Crimp Tool, Locator and Die), High Power, Receiver and ITA	
910 102 117	Tool, Crimp Kit (Locator and Die), High Power, Receiver and ITA	
EXTRACTION TOOL		
910 112 129	Tool, Extraction, High Power, Receiver and ITA	

Contacts, Modules and Tools

High Power iCon Modules ▼

Module Specifications

Receiver Material	G10 epoxy glass
Receiver Temperature	Operating • -55° C to 125° C Non-operating • -55° C to 140° C
ITA Material	G10 epoxy glass
ITA Temperature	Operating • -55° C to 125° C Non-operating • -65° C to 140° C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	4 signal/4 high power
Module Positions Needed	1



Receiver • Part # 510 160 124

ITA • Part # 510 161 124

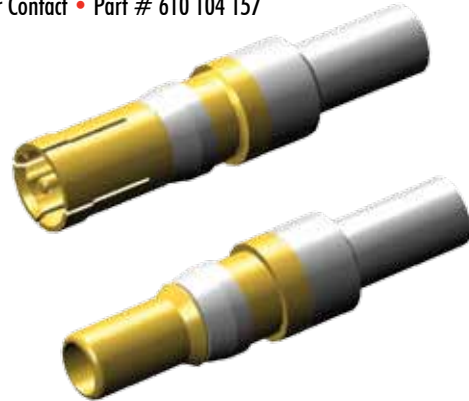
Part #	Description	Contacts Used
HIGH POWER ICON RECEIVER MODULES		
510 160 124	TriPaddle Signal/High Power Module, Receiver, iCon, 4/4 Position	610 149 101
510 109 572	Strain Relief Plate, iCon High Power, Receiver	
HIGH POWER ICON ITA MODULE		
510 161 124	TriPaddle Signal/High Power Module, ITA, iCon, 4/4 Position	610 150 101

75 Ohm Coaxial Contacts and Patchcords

Contact Specifications

Characteristic Impedance	75 Ω
Frequency Range	DC to 3 GHz
Insertion Loss	-1.64 dB @ 3 GHz
VSWR	< 2.95 @ 3 GHz
Operating Current	3.0 amp DC max. continuous
Contact Resistance	Center contact – 5 mΩ Outer shield – 3 mΩ
Mating Force	4.0 lbs max. [1.81 kg]
Dielectric Withstanding Voltage (DWV)	800 volts RMS
Insulation Resistance	1000 MΩ min.
Contact Body Material	Female & male shield • brass Center contact • BeCu
Contact Plating	Center conductor shield • 30μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

Receiver Contact • Part # 610 104 157



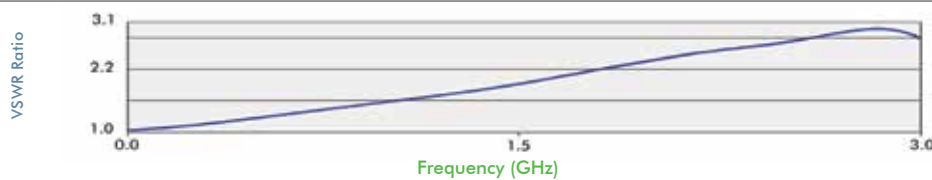
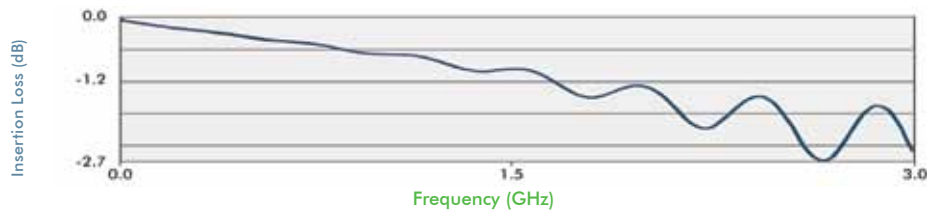
ITA Contact • Part # 610 103 169



75 Ohm Coaxial Receiver Patchcord

75 Ohm Coaxial ITA Patchcord

75 Ohm Coaxial RF Response
75 Ohm impedance
RG179 style de-embedded
cable (contact only)



Part #	Description	Used in Module
75 OHM COAXIAL RECEIVER CONTACT 610 104 157	Coaxial Contact, Receiver, 75 Ohm, RG179, Crimp	510 104 249
75 OHM COAXIAL ITA CONTACT 610 103 169	Coaxial Contact, ITA, 75 Ohm, RG179, Crimp	510 108 179
75 OHM COAXIAL RECEIVER AND ITA PATCHCORDS 7-382 179 000-036	Coaxial Patchcord, Receiver, 75 Ohm, 36", RG179, Single Ended	510 104 249
7-381 179 000-036	Coaxial Patchcord, ITA, 75 Ohm, 36", RG179, Single Ended	510 108 179
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner .		
CRIMP TOOLS		
910 102 106	Tool Kit, 75 Ohm Coaxial Contacts, Receiver	
910 102 107	Tool Kit, 75 Ohm Coaxial, ITA	
910 104 139	Tool, Hex Crimp for Outer Shield, 75 Ohm Coaxial, Receiver and ITA Contacts	
EXTRACTION TOOL		
910 112 117	Tool, Extraction, for 75 Ohm and 20/26 GHz Receiver and ITA Contacts	

75 Ohm High Definition (HD) Coaxial Patchcords and Contacts ▼

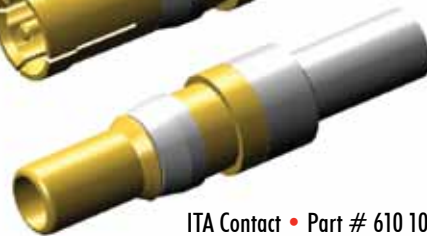
Contact Specifications

Characteristic Impedance	75 Ω
Frequency Range	DC to 3 GHz
Insertion Loss	-.86 dB @ 3 GHz
VSWR	< 2.26 @ 3 GHz
Operating Current	3.0 amp DC max. continuous
Contact Resistance	Center contact – 5 mΩ Outer shield – 3 mΩ
Mating Force	
Dielectric Withstanding Voltage (DWV)	800 VDC min.
Insulation Resistance	1000 MΩ min.
Contact Body Material	Female & male shield • brass Center contact • BeCu
Contact Plating	Center conductor shield • 30μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

Receiver Contact • Part # 610 102 133



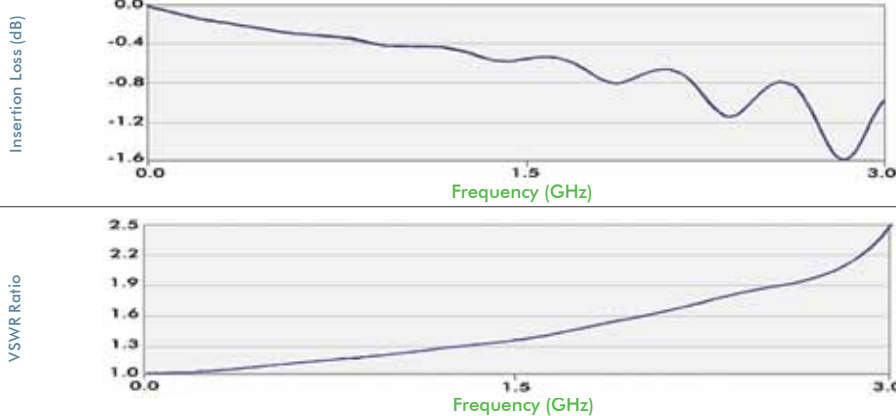
ITA Contact • Part # 610 102 132



75 Ohm HD Coaxial Receiver Patchcord

75 Ohm HD Coaxial ITA Patchcord

75 Ohm HD Coaxial RF Response
75 Ohm impedance
de-embedded cable (contact only)



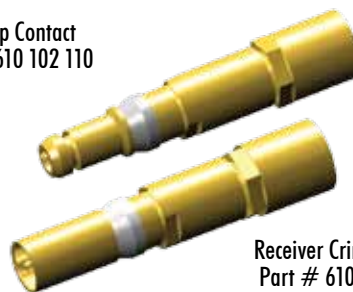
Part #	Description	Used in Module
75 OHM HD COAXIAL RECEIVER CONTACT 610 102 133	Coaxial Contact, Receiver, 75 Ohm HD, sm59/U Belden 1855A, 3 GHz, Crimp	510 104 251 510 160 114/115
75 OHM HD COAXIAL ITA CONTACT 610 102 132	Coaxial Contact, ITA, 75 Ohm HD, sm59/U Belden 1855A, 3 GHz, Crimp	510 108 179 510 161 114/115
75 OHM HD COAXIAL RECEIVER AND ITA PATCHCORDS 7-412 873 000-036	Coaxial Patchcord, Receiver, 75 Ohm HD, 36" sm59/U Belden 1855A, Single Ended	510 104 251 510 160 114/115
7-411 873 000-036	Coaxial Patchcord, ITA, 75 Ohm HD, 36", sm59/U Belden 1855A, Single Ended	510 108 179 510 161 114/115
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorderdesigner .		
CRIMP TOOL 910 104 139	Tool, Hex Crimp for Outer Shield, 75 Ohm Coaxial, Receiver and ITA	
EXTRACTION TOOL 910 112 117	Tool, Extraction, 75 Ohm and 20/26 GHz Coaxial, Receiver and ITA	

20/26 GHz Coaxial Contacts and Patchcords

Contact Specifications

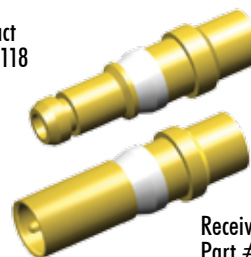
Characteristic Impedance	50 Ω
Frequency Range	DC to 26 GHz
Insertion Loss	.06 x√f(GHz) dB
VSWR	1.15 + .01 (f) GHz (w/ SF142 [20 GHz]) 1.25 for 2 – 18 GHz (w/ TF402) 1.30 for 18 – 26 GHz (w/ TF402)
Operating Current	5 Amps DC max. continuous
Contact Isolation	> -90 dB over frequency range
Contact Resistance	4 mΩ max. center conductor 2 mΩ max. shield
Mating Force	4.0 lbs max. [1.81 kg]
Dielectric Withstanding Voltage (DWV)	800 volts RMS shield to center contact 1000 volts RMS contact to contact
Insulation Resistance	2000 MΩ min.
Contact Body Material	Female & male plug (RCV & ITA) Shield – brass Center conductor – BeCu
Contact Plating	30μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

ITA Crimp Contact
Part # 610 102 110



Receiver Crimp Contact
Part # 610 102 109

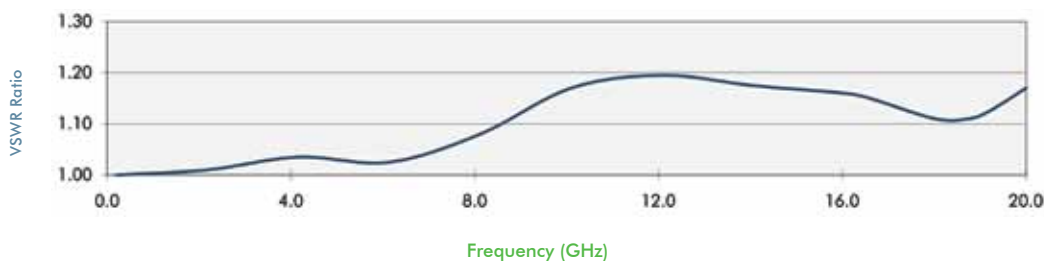
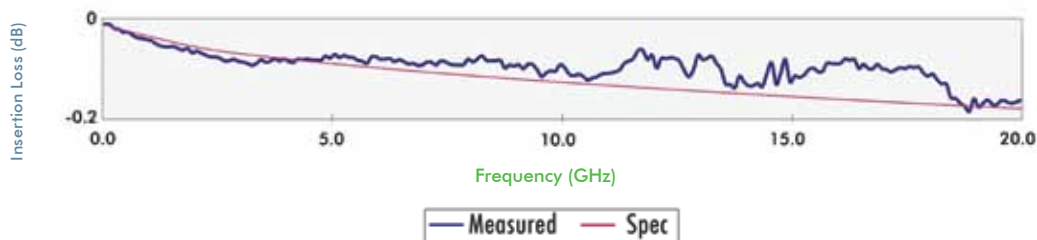
ITA Solder Contact
Part # 610 102 118



Receiver Solder Contact
Part # 610 102 119

For applications in which a more flexible cable is needed, use Flex 402 patchcords. Flex 402 cable has half the minimum bend radius as SF142. When flexibility is not as important, use our crimp contact with SF142 cable.

20/26 GHz Coaxial RF Response
50 Ohm impedance
SF142 style de-embedded cable (contact only)



20/26 GHz Coaxial Contacts and Patchcords ▼



20/26 GHz Coaxial Receiver Patchcord • SF142B

20/26 GHz Coaxial ITA Patchcord • SF142B



20/26 GHz Coaxial Receiver Patchcord • Flex 402

20/26 GHz Coaxial ITA Patchcord • Flex 402

Part #	Description	Used in Module
20/26 GHZ COAXIAL RECEIVER CONTACTS		
610 102 109	Coaxial Contact, Receiver, 20/26 GHz, SF142B, Crimp/Clamp	510 104 251
610 102 119	Coaxial Contact, Receiver, 20/26 GHz, Flex 402, Solder (available only in patchcords)	510 104 251/289 510 160 114/115
20/26 GHZ COAXIAL ITA CONTACTS		
610 102 110	Coaxial Contact, ITA, 20/26 GHz, SF142B, Crimp/Clamp	510 108 179 510 161 114/115
610 102 118	Coaxial Contact, ITA, 20/26 GHz, Flex 402, Solder (available only in patchcords)	510 108 179 510 161 114/115
20/26 GHZ COAXIAL RECEIVER AND ITA PATCHCORDS		
7-384 143 000-036	20/26 GHz Coaxial Patchcord, Receiver, 50 Ohm, 36", SF142B, Single Ended	510 104 251
7-388 102 000-036	20/26 GHz Coaxial Patchcord, Receiver, 50 Ohm, 36", Flex 402, Single Ended	510 104 251 510 160 114/115
7-383 143 000-036	20/26 GHz Coaxial Patchcord, ITA, 50 Ohm, 36", SF142B, Single Ended	510 108 179
7-387 102 000-036	20/26 GHz Coaxial Patchcord, ITA, 50 Ohm, 36", Flex 402, Single Ended	510 108 179 510 161 114/115
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner .		
CRIMP TOOL		
910 101 124	Tool, Crimp, 20/26 GHz Coaxial Contacts, Receiver and ITA	
EXTRACTION TOOL		
910 112 117	Tool, Extraction, 75 Ohm and 20/26 GHz Coaxial Contacts, Receiver and ITA	

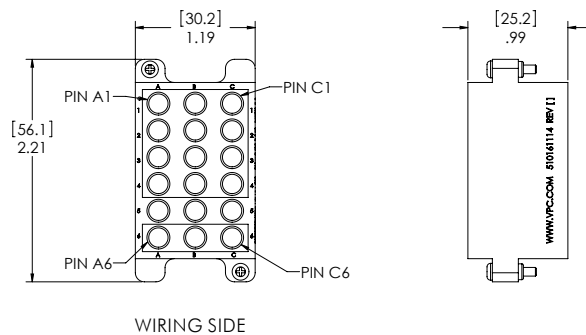
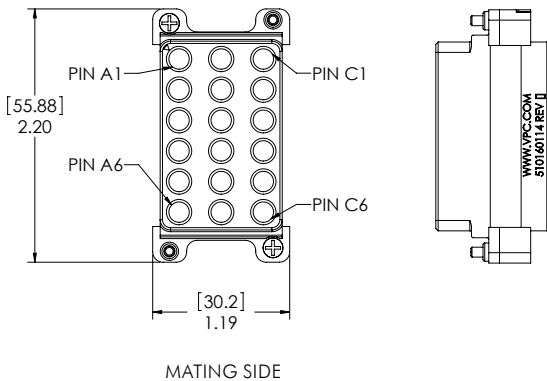
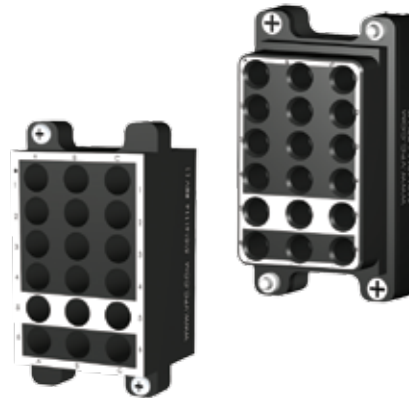


18 Position 20/26 GHz and 75 Ohm HD Coaxial Modules



Module Specifications

Material	G10 epoxy glass
Temperature	Operating • -55°C to 125°C Non-operating • -55°C to 140°C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	18
Module Positions Needed	1



Receiver • Part # 510 160 114

ITA • Part # 510 161 114

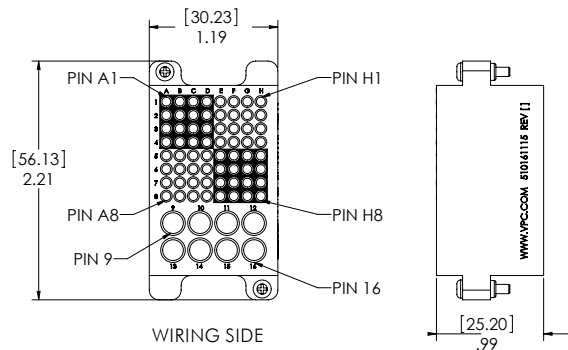
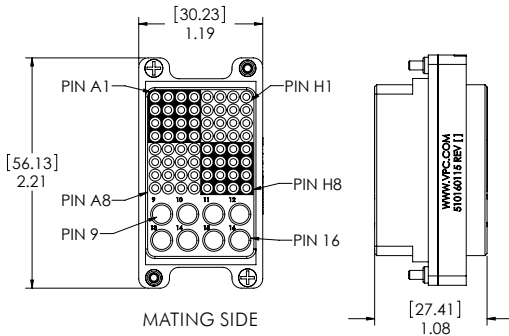
Part #	Description	Contacts Used	
		20/26 GHz	75 OHM HD
510 160 114	ICON RECEIVER 20/26 GHZ AND 75 OHM HD COAXIAL MODULE Coaxial Module, Receiver, iCon, 20/26 GHz/75 Ohm HD, 18 Position	610 102 119 (patchcord only)	610 102 133
510 161 114	ICON ITA 20/26 GHZ AND 75 OHM HD COAXIAL MODULE Coaxial Module, ITA, iCon, 20/26 GHz/75 Ohm HD, 18 Position	610 102 118 (patchcord only)	610 102 132

NOTE: Refer to User's Manual for power applications with this module.

64/8 TriPaddle Signal / 20/26 GHz & 75 Ohm HD Coaxial Modules ▼

Module Specifications

Material	G10 epoxy glass
Temperature	Operating • -55°C to 125°C Non-operating • -55°C to 140°C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	64/8
Module Positions Needed	1



Receiver • Part # 510 160 115

ITA • Part # 510 161 115

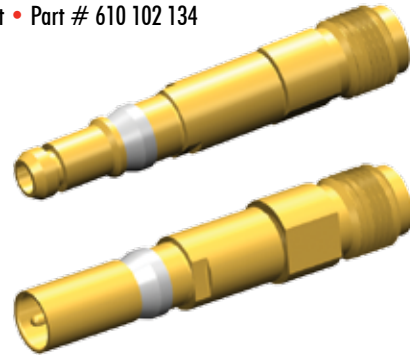
Part #	Description	Contacts Used		
		TRIPADDLE	20/26 GHz	75 OHM HD
ICON RECEIVER TRIPADDLE SIGNAL / 20/26 GHZ & 75 OHM HD COAXIAL MODULE				
510 160 115	TriPaddle Signal / 20/26 GHz & 75 Ohm HD Coaxial Module, Receiver, iCon, 64/8 Position	610 110 101 610 110 128 610 110 167 610 110 177 610 110 179	610 102 119 (patchcord only)	610 102 133
ICON ITA TRIPADDLE SIGNAL / 20/26 GHZ COAXIAL MODULE				
510 161 115	TriPaddle Signal / 20/26 GHz & 75 Ohm HD Coaxial Module, ITA, iCon, 64/8 Position	610 110 108 610 110 113 610 110 129 610 110 169	610 102 118 (patchcord only)	610 102 132

20/26 GHz Coaxial SMA Contacts ▼

Contact Specifications

Characteristic Impedance	50 Ω
Frequency Range	DC to 26 GHz
Insertion Loss	.06 x√f(GHz) dB
VSWR	1.15 + .01 (f) GHz
Operating Current	5 Amp DC max. continuous
Contact Isolation	> -90 dB over frequency range
Mating Force	4.0 lbs max. [1.81 kg]
Contact Resistance	5 mΩ max. center conductor 3 mΩ max. shield
Dielectric Withstanding Voltage (DWV)	800 volts RMS shield to center contact 1000 volts RMS contact to contact
Insulation Resistance	2000 MΩ min.
Contact Body Material	Shield – brass Center conductor – BeCu
Contact Plating	30μ" Au over 100μ" Ni
Cycle Life	20,000 cycles

ITA Contact • Part # 610 102 134



Receiver Contact • Part # 610 102 135



20/26 GHz Coaxial SMA Receiver Patchcord

20/26 GHz Coaxial SMA ITA Patchcord

Part #	Description	Used in Module
20/26 GHZ COAXIAL RECEIVER CONTACT		
610 102 135	Coaxial Contact, Receiver, 20/26 GHz with SMA Adapter	510 104 287
20/26 GHZ COAXIAL ITA CONTACT		
610 102 134	Coaxial Contact, ITA, 20/26 GHz with SMA Adapter	510 108 240
20/26 GHZ COAXIAL SMA PATCHCORDS		
7-528 143 000-036	Coaxial Patchcord, SMA Plug, 36", SF142B Tan, Single Ended	
7-531 102 000-036	Coaxial Patchcord, SMA Plug, 36", Flex 402 Blue, Single Ended	

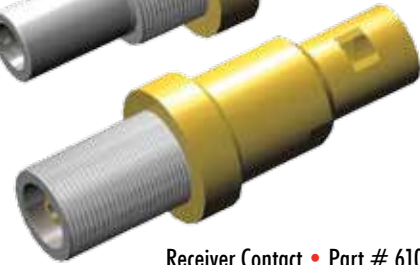
Twinaxial Contacts and Patchcords ▼

Contact Specifications	
Operating Current and Voltage	3 amp max. continuous 480 RMS
Contact Resistance	Center contact is < 6.5 mΩ; Intermediate contact is < 3 mΩ; Outer contact is < 3.5 mΩ
Insertion Loss	-0.044 dB @ 0.2 GHz
VSWR	Approximately 1.1:1 @ 100 MHz
Insulation Resistance	106 MΩ min.
Mating Force	3.5 lbs max. [1.59 kg]
Contact Body Material	Outer shell • brass Inner shield • bronze Male contact • brass
Contact Plating	40μ" Au over 130μ" Ni
Cycle Life	20,000 cycles

ITA Contact • Part # 610 113 145



Receiver Contact • Part # 610 113 144



Twinaxial Receiver Patchcord		Twinaxial ITA Patchcord	
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Part #	Description	Used in Module
TWINAXIAL RECEIVER CONTACT		
610 113 144	Twinaxial Contact, Receiver	510 104 155 510 160 109
TWINAXIAL ITA CONTACT		
610 113 145	Twinaxial Contact, ITA	510 108 138 510 161 109
TWINAXIAL RECEIVER AND ITA PATCHCORDS		
7-402 423 000-036	Twinaxial Patchcord, Receiver, 3 Amp, 36", 22 AWG Shielded Twisted Pair, Single Ended	510 104 155 510 160 109
7-401 423 000-036	Twinaxial Patchcord, ITA, 3 Amp, 36", 22 AWG Shielded Twisted Pair, Single Ended	510 108 138 510 161 109

* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorderdesigner.

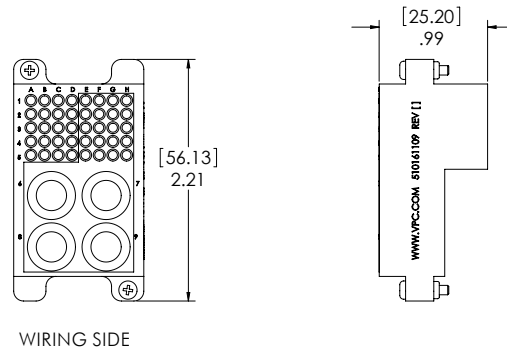
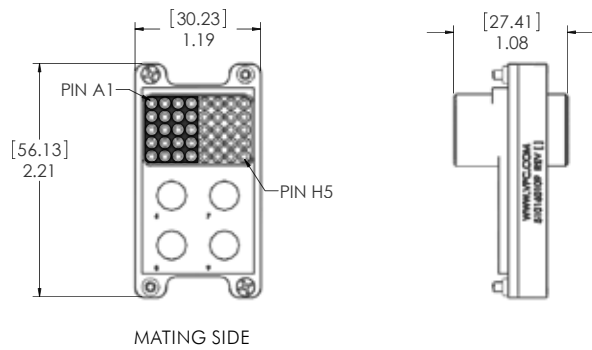


40/4 Position TriPaddle/Twinaxial Modules



Module Specifications

Material	G10 epoxy glass
Temperature	Operating • -55° C to 125° C Non-operating • -55° C to 140° C
Dielectric Withstanding Voltage (DWV)	1500 VDC min.
Available Contact Positions	40/4
Module Positions Needed	1




Receiver • Part # 510 160 109

ITA • Part # 510 161 109


Part #	Description	Contacts Used	
		TRIPADDLE	TWINAXIAL
ICON RECEIVER TRIPADDLE/TWINAXIAL MODULE			
510 160 109	TriPaddle Signal/Twinaxial Module, Receiver, iCon, 40/4 Position	610 110 101 610 110 104 610 110 128 610 110 167	610 113 144
ICON ITA TRIPADDLE/TWINAXIAL MODULE			
510 161 109	TriPaddle Signal/Twinaxial Module, ITA, iCon, 40/4 Position	610 110 108 610 110 113 610 110 129 610 110 169	610 113 145

Thermocouple Patchcords and Contacts

Contact Specifications	
ANSI Type	K
Thermocouple Pair Materials	Chromel® Alumel®
Polarity	Chromel® + Alumel® -
Material Type	Base
TC Temperature Range	Chromel® & Alumel® -200° C to 1250° C
EMF (mV)	-5.97 to +50.63
Cycle Life	20,000 cycles



ITA Contact • Part # 610 113 133



Receiver Contact • Part # 610 113 131



Thermocouple Receiver Patchcord	Thermocouple ITA Patchcord
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Part #	Description	Used in Module
THERMOCOUPLE RECEIVER CONTACTS		
610 113 131	Thermocouple Contact, Receiver, Chromel	510 104 133/261 510 160 110
610 113 132	Thermocouple Contact, Receiver, Alumel	510 104 133/261 510 160 110
THERMOCOUPLE ITA CONTACTS		
610 113 133	Thermocouple Contact, ITA, Chromel	510 108 124/245 510 161 110
610 113 134	Thermocouple Contact, ITA, Alumel	510 108 124/245 510 161 110
NOTE: The Chromel-Alumel thermocouple is composed of a positive Chromel wire and a negative Alumel wire.		
THERMOCOUPLE RECEIVER AND ITA PATCHCORDS		
7-410 803 000-036	Thermocouple Patchcord, Receiver, 36", 24 AWG, Chromel and Alumel, Single Ended	510 104 133/261 510 160 110
7-409 803 000-036	Thermocouple Patchcord, ITA, 36", 24 AWG, Chromel and Alumel, Single Ended	510 108 124/245 510 161 110

* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorderdesigner.

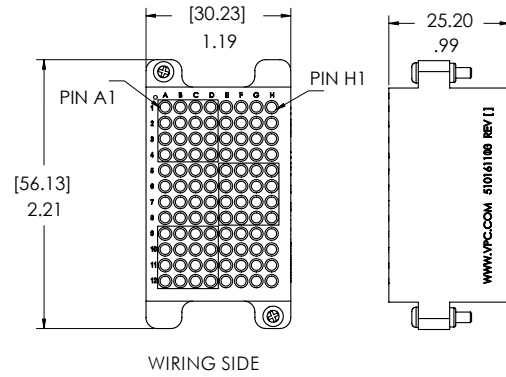
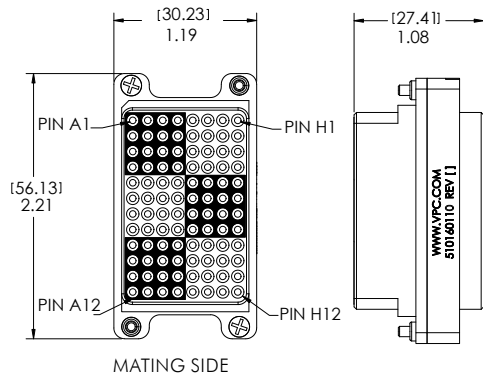
TOOLS AND LOCATORS

910 101 102	Tool, Crimp, 10 Amp TriPaddle, Thermocouple, Micro Power, Receiver and ITA, Locator Required
910 104 134	Tool, Locator, Thermocouple, Receiver
910 104 135	Tool, Locator, Thermocouple, ITA
910 110 102	Tool, Extraction, TriPaddle and Thermocouple, Receiver and ITA

96 Position Thermocouple Modules ▼

Module Specifications

Material	G10 epoxy glass
Temperature	Operating • -55° C to 125° C Non-operating • -55° C to 140° C
Available Contact Positions	96
Module Positions Needed	1



Receiver • Part # 510 160 110

ITA • Part # 510 161 110

Part #	Description	Contacts Used	
		CHROMEL	ALUMEL
510 160 110	Thermocouple Module, Receiver, iCon, 96 Position	610 113 131	610 113 132
510 161 110	Thermocouple Module, ITA, iCon, 96 Position	610 113 133	610 113 134

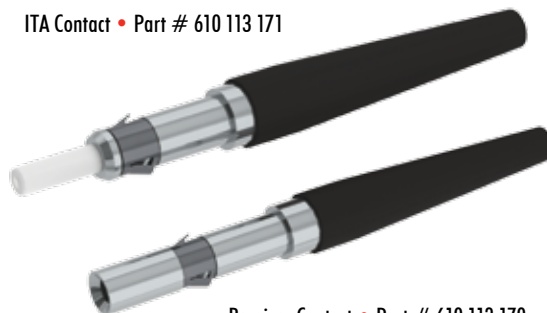


Mini Fiber Optic Patchcords - POF ▼

Contact Specifications

Insertion Loss	-4.0 dB max. / mated pair
Mating Force	1.5 lbs [.68 kg]
Polymer Optical Fiber (POF)	980/1000 μ"
Contact Body Material	Nickel silver
Cycle Life	5,000 cycles

ITA Contact • Part # 610 113 171



Receiver Contact • Part # 610 113 170



Fiber POF Receiver Patchcord

Fiber POF ITA Patchcord

Part #	Description	Used in Module
POLYMER OPTICAL FIBER RECEIVER PATCHCORDS		
7-414 845 000-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optic Fiber, Single Ended	510 104 120/150/243/301 510 160 102/103/104
7-414 845 504-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optic Fiber, to FC with PC Polish	510 104 120/150/243/301 510 160 102/103/104
7-414 845 510-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optic Fiber, to SC with PC Polish	510 104 120/150/243/301 510 160 102/103/104
POLYMER OPTICAL FIBER ITA PATCHCORDS		
7-413 845 000-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optic Fiber, Single Ended	510 108 111/132/210/276 510 161 102/103/104
7-413 845 504-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optic Fiber, to FC with PC Polish	510 108 111/132/210/276 510 161 102/103/104
7-413 845 510-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optic Fiber, to SC with PC Finish	510 108 111/132/210/276 510 161 102/103/104
FIBER OPTIC ACCESSORIES		
910 112 125	Tool, Extraction, Mini Fiber Optic, Receiver and ITA	

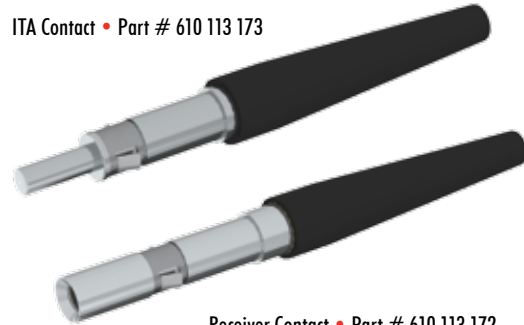
* To instantly design patchcords online, use our Patchcord Designer at vpc.com/patchcorddesigner

Mini Fiber Optic Patchcords - Multimode ▼

Contact Specifications

Insertion Loss	-1.5 dB max / mated pair
Mating Force	2.8 lbs [1.3 kg]
Glass Fiber	Multimode 62.5/125
Contact Body Material	Ceramic and nickel silver
Cycle Life	5,000 cycles

ITA Contact • Part # 610 113 173



Receiver Contact • Part # 610 113 172



Fiber Mini Multimode Receiver Patchcord

Fiber Mini Multimode ITA Patchcord

Part #	Description	Used in Module
MINI MULTIMODE FIBER RECEIVER PATCHCORDS		
7-416 804 000-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, Single Ended	510 104 120/150/243/301 510 160 102/103/104
7-416 804 503-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to FC with SPC Polish	510 104 120/150/243/301 510 160 102/103/104
7-416 804 506-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to ST with SPC Polish	510 104 120/150/243/301 510 160 102/103/104
7-416 804 509-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to SC with SPC Polish	510 104 120/150/243/301 510 160 102/103/104
7-416 804 512-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to LC with SPC Polish	510 104 120/150/243/301 510 160 102/103/104
7-416 804 663-036	Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to SMA-F with SPC Polish	510 104 120/150/243/301 510 160 102/103/104
MINI MULTIMODE FIBER ITA PATCHCORDS		
7-415 804 000-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Multimode Glass Fiber, Single Ended	510 108 111/132/210/276 510 161 102/103/104
7-415 804 503-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Multimode Glass Fiber, to FC with SPC Polish	510 108 111/132/210/276 510 161 102/103/104
7-415 804 506-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Multimode Glass Fiber, to ST with SPC Polish	510 108 111/132/210/276 510 161 102/103/104
7-415 804 509-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Multimode Glass Fiber, to SC with SPC Polish	510 108 111/132/210/276 510 161 102/103/104
7-415 804 512-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Multimode Glass Fiber, to LC with SPC Polish	510 108 111/132/210/276 510 161 102/103/104
7-415 804 663-036	Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Multimode Glass Fiber, to SMA-F with SPC Polish	510 108 111/132/210/276 510 161 102/103/104
FIBER OPTIC ACCESSORIES		
910 112 125	Tool, Extraction, Mini Fiber Optic, Receiver and ITA	
910 121 192	Tool, Fiber Optic Cleaning Pen, Multimode Glass Fiber, Receiver/ITA	



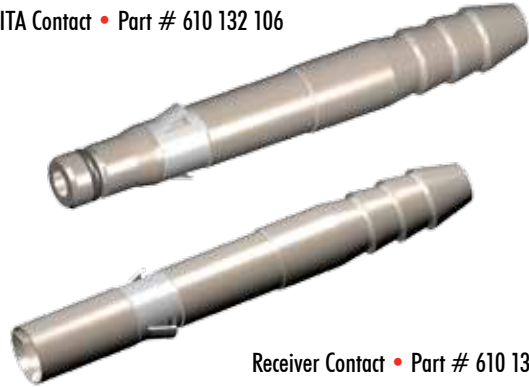
Mini Pneumatic Contacts



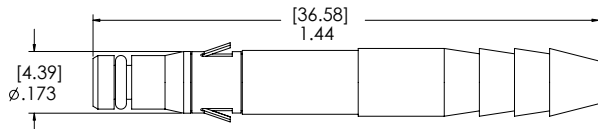
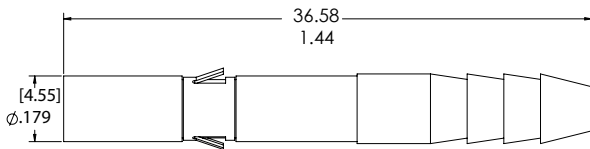
Contact Specifications • .075" Flow [1.9 mm]

Pressure/Vacuum Rated	100 psi (6.9 bar)
Contact Body Material	Nickel plated brass
Cycle Life	20,000 cycles

ITA Contact • Part # 610 132 106



Receiver Contact • Part # 610 131 108



Receiver • Part # 610 131 108

ITA • Part # 610 132 106

Part #	Description	Used in Module
MINI PNEUMATIC RECEIVER CONTACT		
610 131 108	Mini Pneumatic Contact, Receiver, Hose Barb for 0.125" [3.2mm] ID Tubing, Fits Mini Coaxial or Mini Power Modules	510 104 123 510 104 206 510 104 120 510 104 150 510 104 243 510 160 102/103/104
MINI PNEUMATIC ITA CONTACT		
610 132 106	Mini Pneumatic Contact, ITA, Hose Barb for 0.125" [3.2mm] ID Tubing, Fits Mini Coaxial or Mini Power Modules	510 108 115 510 108 178 510 108 111 510 108 132 510 108 210 510 161 102/103/104
EXTRACTION TOOL		
910 112 104	Tool, Extraction, Mini Power/Mini Coaxial Contacts, Receiver and ITA	

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