



RF CONNECTOR & CABLE SOLUTIONS

PEI-Genesis offers a wide range of RF interconnects, backed by expert guidance from design to delivery, ensuring dependable connectivity for diverse setups. Our portfolio features robust solutions from top manufacturers like Amphenol RF, SV Microwave, Times Microwave Systems, Micro-Mode, XMA Corporation, and Cinch Connectivity Solutions' Johnson and Trompeter RF lines.



Amphenol® RF

SV MICROWAVE Amphenol




















TIMES
MICROWAVE SYSTEMS
AN AMPHENOL COMPANY

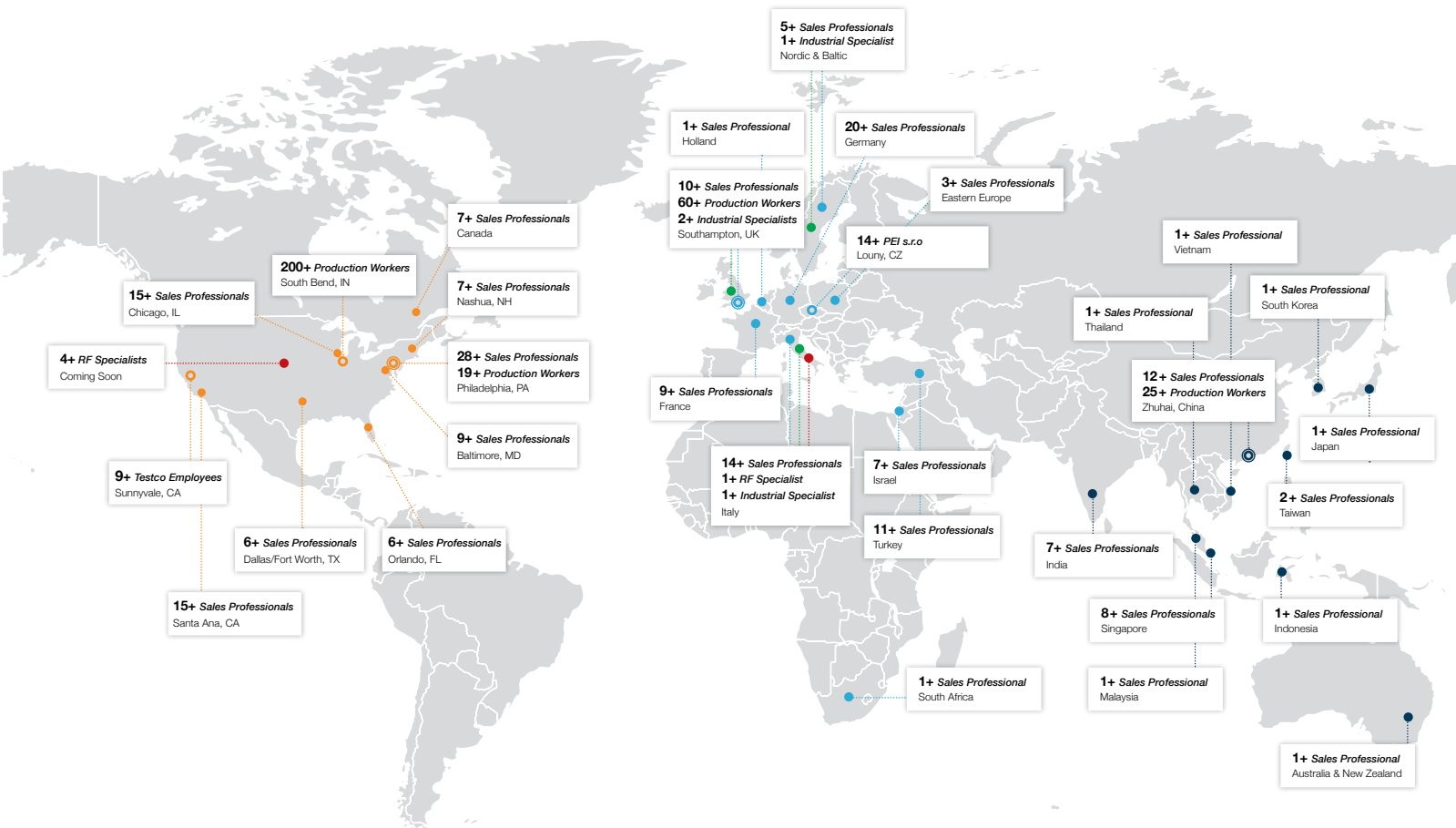
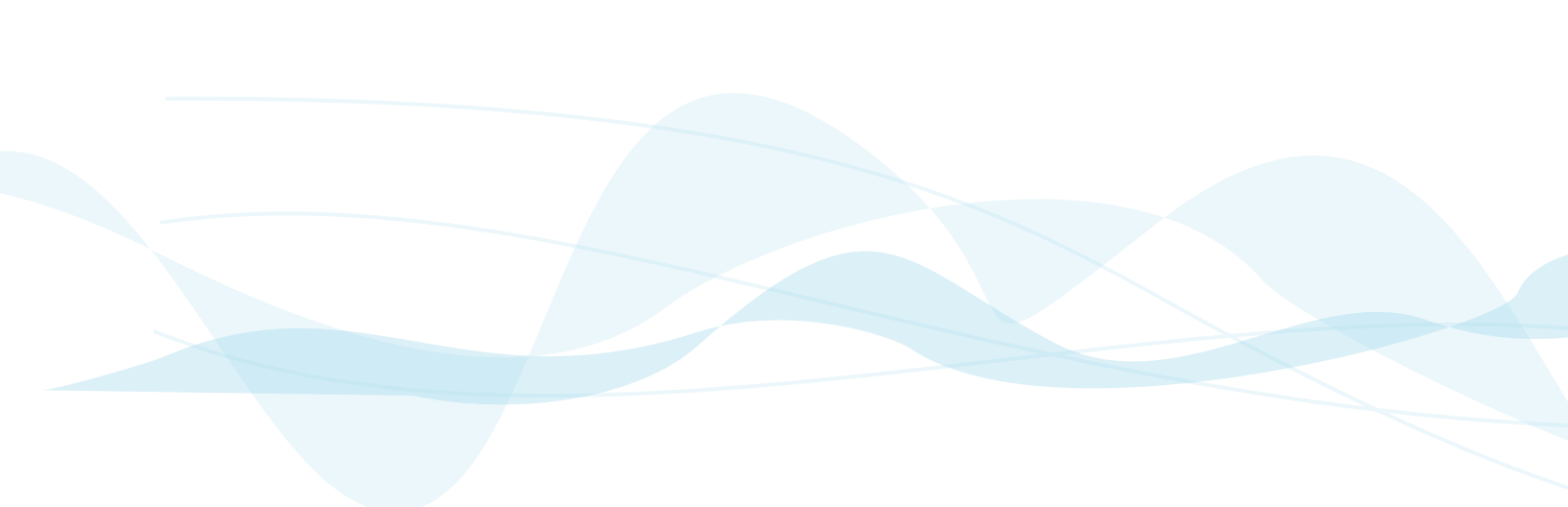
 **cinch**
CONNECTIVITY SOLUTIONS
a bel group



Micro-Mode Products

XMA POWERED BY
Omni Spectra®
AN AMPHENOL COMPANY

Product		RF Band	Brands	Markets	Technical Specifications						
					Coupling Type	Impedance	Temperature Rating	Power Handling	Insertion Loss	Cable Termination Style	Connector Family
Twinax		Up to 200 MHz, Extendable to 500 MHz with caution	Amphenol RF Cinch - Trompeter	Broadband, Military, Instrumentation	Threaded, Bayonet	Non-Constant 50 Ohm <small>(can be used with 50, 75, 93 Ohm)</small>	-55°C to +85°C (PTFE) -45°C to +121°C (Rexolite)	Not rated	Not rated	Crimp, Solder	Standard
UHF		Up to 300 MHz, Extendable to 1 GHz	Amphenol RF	Antenna, Military, DAS, Public Safety, Low Freq. Application	Threaded	Non-Constant 50 Ohm	-65°C to +165°C <small>(-55°C to +85°C for Rexolite)</small>	500 W @ 100 MHz @ 25°C	Not rated	Crimp, Solder	Standard
Triax		Up to 300 MHz (Triax-C) Up to 500 MHz (Triax BNC, TNC)	Amphenol RF Cinch - Trompeter	Industrial, Military, Instrumentation	Threaded, Bayonet	Non-Constant <small>(can be used with 50, 75, 93 Ohm)</small>	-55°C to +85°C (PTFE) -45°C to +121°C (Rexolite)	Not rated	Not rated	Crimp, Solder	Standard
F		Up to 1 GHz	Amphenol RF Times Microwave	Head End, Broadcast, CCTV, Cable Modems	Threaded	75 Ohm	-40°C to +140°C	Not rated	<0.15 dB @ 1 GHz	Crimp, PCB, Solder	Miniature
SMB		Up to 4 GHz, Extendable to 10 GHz	Amphenol RF Cinch - Johnson	Antennas, Telecom, Radio Boards, PC/LAN, GPS, Satcom, Base Stations, Instrumentation	Threaded, Push-On	50 Ohm	-65°C to +165°C	95 W @ 1 GHz @ 25°C	.30 dB @ 1.5 GHz Max (Straight) .60 dB @ 1.5 GHz Max (Right Angle)	Crimp, Clamp, PCB, Solder, End Launch	Sub-Miniature
BNC		Up to 4 GHz, Extendable to 12 GHz	Amphenol RF Cinch - Trompeter	Wireless, SATCOM, Military, Medical, Broadcast, Telco, LAN, Instrumentation	Bayonet	50, 75 Ohm	-65°C to +165°C	316 W Max @ 1 GHz @ 25°C	0.2 dB Max @ 3 GHz	Crimp, Clamp, Solder, Twist On	Miniature
MMCX		Up to 6 GHz	Amphenol RF Cinch - Johnson	Antennas, Instrumentation, Satcom, Base Stations, Telecommunications, Broadband, GPS	Snap-On	50 Ohm	-40°C to +90°C	63 W Max @ 1 GHz	.1 √(f(GHz)) dB Max	Crimp, Solder, Press Fit	Sub-Miniature
UMC		Up to 6 GHz	Amphenol RF Cinch - Johnson	PC, Wireless LAN, Mobile Phones, GPS, Bluetooth, Microwave Radio	Snap-On	50 Ohm	-40°C to +90°C	14W @ 1 GHz @ 25°	0.1dB Max @ 3 GHz, 0.15dB Max @ 6GHz	PCB	Ultra-Miniature
N		Up to 11 GHz, Extendable to 18 GHz	Amphenol RF XMA Corporation Micro-Mode	Antenna, Military, Instrumentation, Radar, Broadcast	Threaded	50, 75 Ohm	-65°C to +165°C <small>(-40°C to +85°C for Phosphor Bronze contact)</small>	300 W @ 10 GHz @ 25°C	0.15 dB Max @ 9 GHz (straight) 0.30 dB Max @ 10 Gz (right angle)	Crimp, Clamp, Solder, PCB Mount, others	Standard
TNC		Up to 11 GHz, Extendable to 18 GHz	Amphenol RF SV Microwave XMA Corporation Micro-Mode	Antenna, Industrial, Wireless, Military, Broadband	Threaded	50, 75 Ohm	-65°C to +165°C	316 W Max @ 1 GHz @ 25°C	0.18 dB Max @ 9 GHz (straight) 0.21 dB Max @ 9 Gz (right angle)	Crimp, Clamp, Solder, Twist On	Miniature
MCX		Up to 12 GHz	Amphenol RF Cinch - Johnson	WLAN, GPS, PC/LAN, Automotive, Base Station, Head End, Radios, Antennas, Instrumentation, Telecommunications	Snap-On	50, 75 Ohm	-65°C to +165°C	95 W Max @ 1 GHz @ 25 °C	0.10 db Max @ 1 GHz	Crimp, PCB, Solder, End Launch	Sub-Miniature
QMC		Up to 18 GHz	Amphenol RF Times Microwave	Antennas, Base Station, GPS	Snap-On	50 Ohm	-40°C to +85°C	75 W @ 10 GHz @ 25°C	.06 √(f(GHz)) dB Max	Crimp, PCB, Solder	Sub-Miniature
SMA		Up to 18 GHz, Extendable to 34 GHz	Amphenol RF SV Microwave Cinch - Johnson XMA Corporation Micro-Mode	Antenna, Instrumentation, Wireless, PC/LAN	Threaded	50 Ohm	-65°C to +165°C <small>(-40°C to +85°C for Phosphor Bronze contact)</small>	75 W @ 10 GHz @ 25°C	0.06 √(f(GHz)) dB Max	Crimp, Solder	Sub-Miniature
BMA		Up to 22 GHz	SV Microwave Micro-Mode	Military, Aerospace, Microwave Applications	Push-On, Snap-On	50 Ohm	-65°C to +165°C	Not rated	Not rated	Crimp, Solder, PCB Mount, others	Sub-Miniature
SMP		Up to 26.5 GHz, Extendable to 40 GHz	Amphenol RF SV Microwave Micro-Mode Cinch - Johnson	Antenna, Instrumentation, Military, Broadband, Medical, Quantum Computing	Push-On, Snap-On	50 Ohm	-65°C to +165°C	32 W @ 1 GHz @ 25°C	0.1 √(f(GHz)) dB Max	Crimp, Solder, PCB Mount, others	Sub-Miniature
SMPM		Up to 26.5 GHz, Extendable to 65 GHz	Amphenol RF SV Microwave Micro-Mode Cinch - Johnson	Antenna, Instrumentation, Military, Broadband, Medical, Quantum Computing	Push-On, Snap-On	50 Ohm	-65°C to +165°C	16 W @ 1 GHz @ 25°C	0.1 √(f(GHz)) dB Max	Crimp, Solder, PCB Mount, others	Micro-Miniature
SMPS		Up to 26.5 GHz, Extendable to 65 GHz	SV Microwave Micro-Mode	Military, Aerospace, Board-to-board, High-Density Multiport, Instrumentation	Push-On, Snap-On	50 Ohm	-65°C to +165°C	Not rated	Not rated	Solder	Micro-Miniature
2.92mm		Up to 40 GHz	SV Microwave Cinch - Johnson XMA Corporation Micro-Mode	Military, SATCOM, Microwave, Instrumentation, Quantum Computing	Threaded	50 Ohm	-65°C to +165°C	Not rated	Not rated	Solderless, Solder	Sub-Miniature
2.4mm		Up to 50 GHz	SV Microwave XMA Corporation Micro-Mode	Military, Aerospace, PCB, High-Density Multiport, Instrumentation	Threaded	50 Ohm	-65°C to +165°C	Not rated	Not rated	Solderless, Solder	Sub-Miniature
1.85mm		Up to 65 GHz	SV Microwave Cinch - Johnson XMA Corporation Micro-Mode	Military, Aerospace, SATCOM, Test & Measurement	Threaded	50 Ohm	-65°C to +165°C	Not rated	.04 √ f (GHz) dB Max	PCB, Solder, End Launch	Sub-Miniature



We believe business is personal.

PEI-Genesis has 14 sales office locations worldwide, giving you local access to our sales and engineering teams.

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