



**EAST
COAST
MICROWAVE**
SALES AND DISTRIBUTION, LLC.

INTERCONNECT AND MICROWAVE SOLUTIONS FOR THE SEMICONDUCTOR MARKET



In today's technology world, Semiconductors provide the brain behind every electronic device that we use and interact with. New Semiconductor designs are pushing MOORES-LAW to what many believe is its maximum capability with geometries now as small as 5nM and companies like Intel, Samsung and TSMC moving to 3nM in 2022. The key drivers responsible for this unprecedented development in Semiconductors is the continued global growth in mobile communications, Internet of Things (IoT) and Artificial Intelligence (AI) all driven by the latest 5G and WLAN requirements.













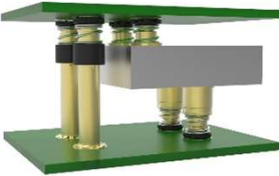
All this innovative demand is spawning new test requirements for Semiconductor providers, requiring high frequency/high speed testing to enable them to support this unparalleled growth. Therefore, selecting the right RF interconnect solutions plays a key role in solving highly complexed test problems, which require high degrees of accuracy and repeatability.

Navigating this world of high-speed interconnect solutions requires the support of a supply chain partner that not only understands the technical requirements to meet this challenge, but one that also has the range of products under one roof to support **all** your Semiconductor testing needs.

At East Coast Microwave (ECM) we have spent decades partnering with the world's leading companies in high frequency, high speed interconnect solutions. Today we offer a portfolio of products that exceeds 1 million different part numbers, and we stock over 250,000 different items in our Woburn MA facility. These included RF Connectors (up to 110GHz), Adapters, Precision Test Cables & Microwave Switches. We also offer rapid delivery service on custom cable assemblies from in our AS9100D Woburn factory.

At ECM we are here to support **all** your Semiconductor Interconnect requirements. Our Customer Service team has decades of experience and can help you navigate all available options so that we provide you with the perfect solution to your testing needs. At ECM **E**very **C**ustomer **M**atters.

PCB CONNECTORS

	<p>THRU HOLE</p>	<p>1.0mm 1.85mm 2.4mm 2.92mm 3.5mm BNC F Type GPO GPPO G3PO G4PO MCX MMBX MMCX N Type QMA SMA SMB SMBM SMC SMP SMPM SSMA SSMB SSMC TNC</p>	<p>Amphenol® RF  CORNING  GigaLane HUBER+SUHNER  cinch JOHNSON molex® Radial  Rosenberger  samtec San-tron  SOUTHWEST MICROWAVE  TE connectivity  Winchester Interconnect. withwave</p>
	<p>SURFACE MOUNT</p>		
	<p>EDGE LAUNCH</p>		
	<p>COMPRESSION SOLDERLESS</p>		
	<p>BOARD 2 BOARD</p>		



ADAPTERS

In Series



1.0mm	1.85mm	2.4mm	2.92mm
3.5mm	BNC	C Type	F Type
GPO	GPPO	G3PO	G4PO
MCX	MMBX	MMCX	N Type
QMA	SMA	SMB	SMBM
SMC	SMP	SMPM	SSMA
SSMB	SSMC	TNC	

Between Series



1.0mm	1.85mm	2.4mm	2.92mm
3.5mm	BNC	C Type	F Type
GPO	GPPO	G3PO	G4PO
MCX	MMBX	MMCX	N Type
QMA	SMA	SMB	SMBM
SMC	SMP	SMPM	SSMA
SSMB	SSMC	TNC	

Amphenol® RF

CARLISLE
INTERCONNECT TECHNOLOGIES

CORNING


GigaLane

HUBER+SUHNER

 cinch JOHNSON
CONNECTIVITY SOLUTIONS a bel group

molex®

Radiall 

Rosenberger

samtec

San-tron























SOUTHWEST
MICROWAVE


TE
connectivity

 Winchester
Interconnect.





withwave

CABLE ASSEMBLIES

Precision Test Cables				
	MiniBend	Semi Rigid	HUBER+SUHNER	
	MicroBend	Semi Rigid		
	SucoFlex®	Flexible		
	SucoTest	Flexible		
	SHF Range	Flexible		Radiall 
	Test Pro	Flexible		
	Clarity™	Flexible		
	MilTech®	Flexible		
	PhaseTrack®	Flexible/Semi Rigid		
	Silverline®	Flexible		
	LA Series	Flexible	Rosenberger	
	LU Series	Flexible		
	UTiFLEX®	Flexible		
	UTiPHASE®	Flexible		
Custom Cable Assemblies		   		
Flexible				
Conformable				
Semi-Rigid				
Phase Matched				
Express Delivery				
				
				
				






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HIGH SPEED MODULAR TESTING

		Series ID	Data Rates	Max Contacts		
MXP Series		MXP40	40 Gbps	16	HUBER+SUHNER	
		MXP50	50 Gbps	16		
		MXPM70	70 Gbps	16		
		MXPM90	90 Gbps	16		
Bulls Eye®		BDRA	20 Gbps	24	santec	
		BQRA	20 Gbps	20		
		BE40A	50 Gbps	32		
		BE70A	70Gbps	32		
COREGD™/HD™		SSMP	65 Gbps	10	CARLISLE INTERCONNECT TECHNOLOGIES	
		WMP	100Gbps	10		
		2.5mm pitch	65 Gbps	10		
				10		
VITA67/NANO		SMPM	26.5 Gbps	8	TE connectivity	
		SMPS	65 Gbps	18		
WMX Series		WMX20	20 Gbps	16	withwave	
		WMX40	40 Gbps	16		
		WMX50	50 Gbps	16		
		WMX67	67 Gbps	16		

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MICROWAVE SWITCHES

Family	Series	RF Type	Max Freq.	Interface
 <p>Radiall</p> <p>Ramses</p>	R573	SPnT	40GHz	2.4mm BNC DIN 1.6/5.6 N Type PC Mount SMA2.9 SMA SMB SMBM SMC QMA TNC
	R574			
	R570	SPDT	70GHz	
	R572	SPDT	50GHz	
	R577	DPDT	40GHz	
	R585	SPDT ZC*	50GHz	
DP3T				
BYPASS				
Subminiature	R591	SPnT	40GHz	
 <p>Platinum</p>	R593	DPDT	40GHz	
	R594	SPnT		
	R595	SPDT		
		SPDT ZC*		
		DP3T		
BYPASS				
Titanium	R51X	SPnT	40GHz	
 <p>Slimline</p>	R596	SPDT	8GHz	
		BYPASS		
 <p>Ramses Low PIM</p>	R570XXXXXXLP	SPDT	18GHz	
	R577XXXXXXLP	DPDT		
	R573XXXXXXLP	SPnT		
 <p>Tvac</p>	R571F63121	SPDT	40GHz	
	R571863121	SPDT		
	R578F63121	DPDT		
	R578863121	DPDT		
	R583XXX122	SPnT		
	R583XXX121	SPnT		
	R583833121	SPnT		

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PRODUCT PORTFOLIO

- ADAPTERS
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- CABLE TIES
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- CONNECTORS
- CONTACTS
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- TOOLS
- WAVEGUIDES



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