

### RF 90° 2-Way



A<sub>1</sub>



E<sub>2</sub>

### 90° Power Splitters/Combiners Flatpack

2Way												
Model No.	Freq. Range (MHz) fL-fU	Insertion Loss (dB)			Isolation (dB)			(VSWR)		Unbalance		Case Style
		L	M	U	L	M	U	Max		Phase	Amp	
		Typ/Ma	Typ/Ma	Typ/Ma	Typ/Min	Typ/Min	Typ/Min	In	Out	(°) Max	(dB) Max	
CMIFJH-2-20	10-20		0.3/0.7			25/20		1.2		3	1.0	H2
CMIFJH-2-40	20-40		0.3/0.7			25/20		1.2		3	1.0	H2
CMIFJH-2-60	30-60		0.3/0.7			25/20		1.2		5	1.5	H2
CMIFJH-2-80	40-80		0.3/0.7			25/20		1.2		5	1.5	H2
CMIFJH-2-90	55-90		0.3/0.7			25/20		1.2		5	1.5	H2
CMIFJH-2-120	80-120		0.3/0.7			25/20		1.2		5	1.5	H2
CMIFJH-2-160	100-160		0.3/0.7			25/20		1.2		5	1.5	H2
CMIFJH-2-240	120-240		0.3/0.8			25/20		1.3		5	1.5	H2
CMIFJH-2-300	150-300		0.4/0.8			25/20		1.3		5	1.5	H2

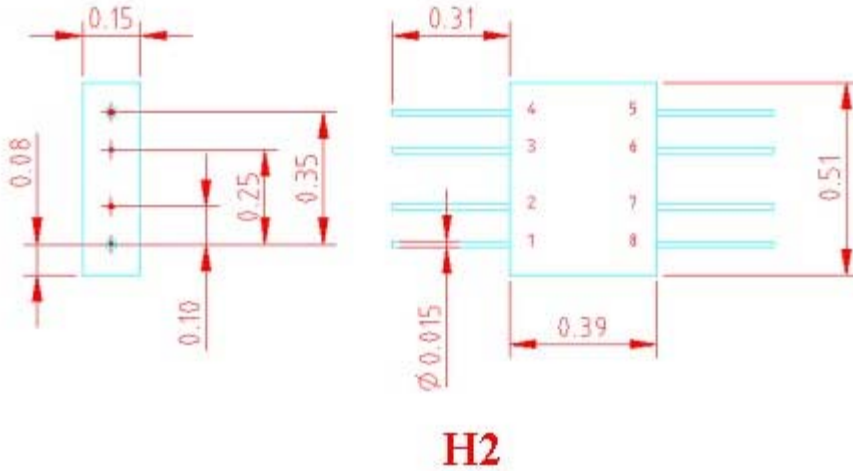
### Pin Connections:

	1	8	5	4
1		0°	-90°	ISO
8	0°		ISO	-90°
5	-90°	ISO		0°
4	ISO	-90°	0°	

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(814) 664-7728 Fax (814) 664-4582 [www.cormic.com](http://www.cormic.com)**

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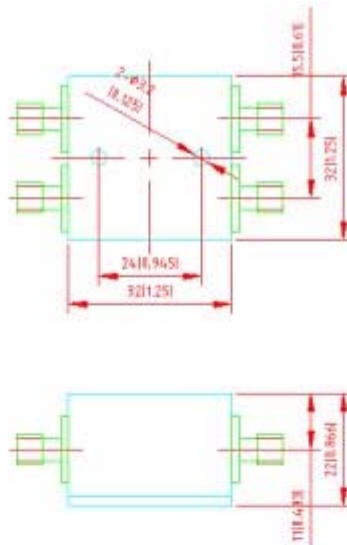
### 90° Power Splitters/Combiners Coaxial Connector

2Way												
Model No.	Freq. Range (MHz) fL-fU	Insertion Loss (dB)			Isolation (dB)			(VSWR)		Unbalance		Case Style
		L	M	U	L	M	U	Max		Phase	Amp	
		Typ/Ma	Typ/Ma	Typ/Ma	Typ/Min	Typ/Min	Typ/Min	In	Out	(°) Max	(dB) Max	
CMIFJT-2-40	20-40		0.3/0.7			25/20		1.2		3	1.0	T12-8
CMIFJT-2-80	40-80		0.3/0.7			25/20		1.2		3	1.5	T12-8
CMIFJT-2-160	80-160		0.3/0.7			25/20		1.2		3	1.5	T12-8
CMIFJT-2-1020	1000-2000		0.4/1.0			25/20		1.3		2	1.0	T27
CMIFJT-2-2030	2000-3000		0.4/1.0			25/20		1.3		2	1.0	T27

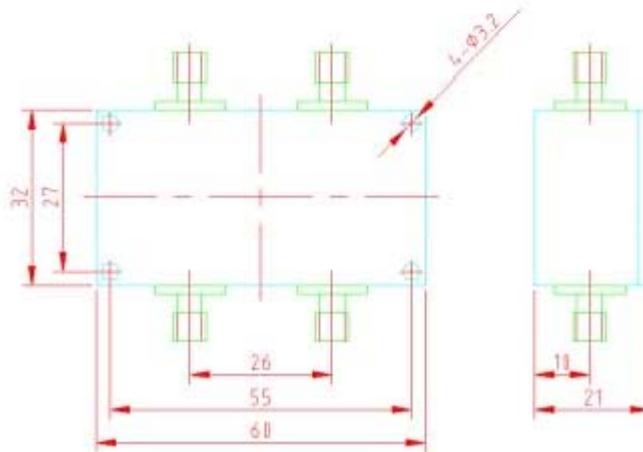
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**T12-8**



**T27**

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### 90° Power Splitters/Combiners Broadband, Plug-In

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		L	M	U	L	M	U	Max		Phase	Amp	
		Typ/Ma	Typ/Ma	Typ/Ma	Typ/Min	Typ/Min	Typ/Min	In	Out	(°) Max	(dB) Max	
CMIFJA-60S	20-60			0.8/1.0			23/20	1.3		3	1.2	A1
CMIFJA-90S	30-90			0.8/1.2			23/18	1.3		3	1.2	A1
CMIFJA-50W	10-50			0.8/1.0			25/20	1.5		3	1.0	A1
CMIFJA-100W	20-100			0.8/1.0			25/20	1.5		3	1.0	A1
CMIFJA-300W	60-300			0.9/1.2			25/18	1.5		4	1.0	A1
CMIFJA-2-32D	3-32			1.0/1.5			25/20	1.5		4	1.5	A1
CMIFJA-2-250D	25-250			1.0/1.5			25/17	1.5		5	1.5	A1
CMIFJA-2-500D	50-500			1.7/2.0			25/17	1.5		5	1.5	A1

#### Pin Connections:

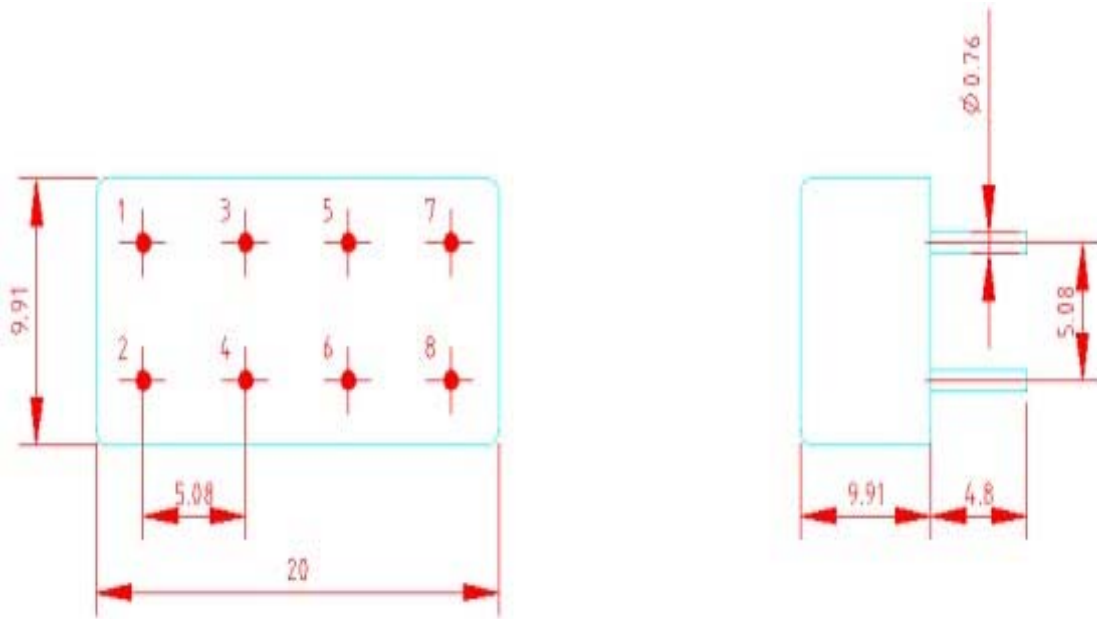
Model No.	Sum Port	Port 1	Port 2	*Isolation Port	Gnd Ext.
CMIFJA-2-	1	2	5	6	3,4,7,8
CMIFJA-2-1000	1	2	8	7	3,4,5,6
CMIFJA-2-D	1	7	8	2	3,4,5,6
CMIFJS-S	1	7	8	2	3,4,5,6
CMIFJS-W	1	7	8	2	3,4,5,6
CMIFJS-D	1	7	8	2	3,4,5,6

\*Connect 50Ω resistor to grand

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