



## MODELS

110046006, 110046010 & 110046020  
110050006, 110050010 & 110050020

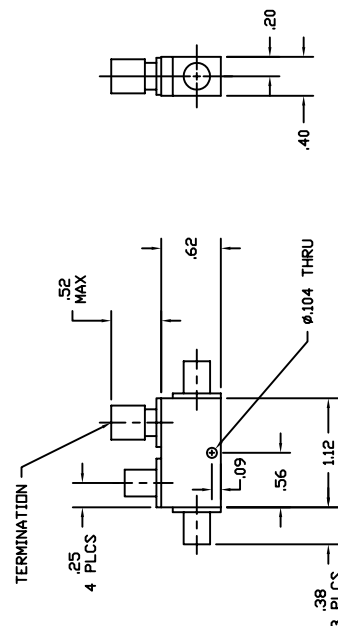
## 10-46 GHz & 10-50 GHz DIRECTIONAL COUPLERS



### SPECIFICATIONS

<b>FREQUENCY RANGE</b>	
110046006, 110046010 & 110046020	10-46 GHz
110050006, 110050010 & 110050020	10-50 GHz
<b>COUPLING</b> (with respect to output)	
Nominal 110046010 & 110050010	10 ± 0.7 dB
110046020 & 110050020	20 ± 1.0 dB
Frequency Sensitivity	± 0.5 dB
Nominal 110046006 & 110050006	6 ± 0.7 dB
Frequency Sensitivity	± 0.7 dB
<b>DIRECTIVITY</b>	
	> 10 dB
<b>MAXIMUM VSWR</b> (any port)	
	1.8
<b>INSERTION LOSS</b> (includes coupled power)	
110046010 & 110050010	< 1.9 dB
110046020 & 110050020	< 1.5 dB
110046006 & 110050006	< 2.4 dB
<b>POWER RATING</b> (input)	
Average	20 W
Peak	3 KW
<b>STANDARD CONNECTORS</b>	
110046006, 110046010 & 110046020	2.4 mm Female
110046006K, 110046010K & 110046020K	2.92 mm Female
110050006, 110050010 & 110050020	2.4 mm Female
<b>WEIGHT</b> (ounces)	
	1.0
<b>OPERATING TEMPERATURE</b>	
	-54° to +85° C

### DIMENSIONS



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