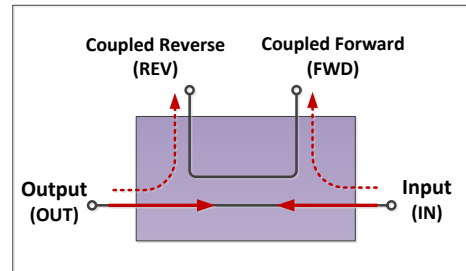




RoHS Compliant

Electrical schematic

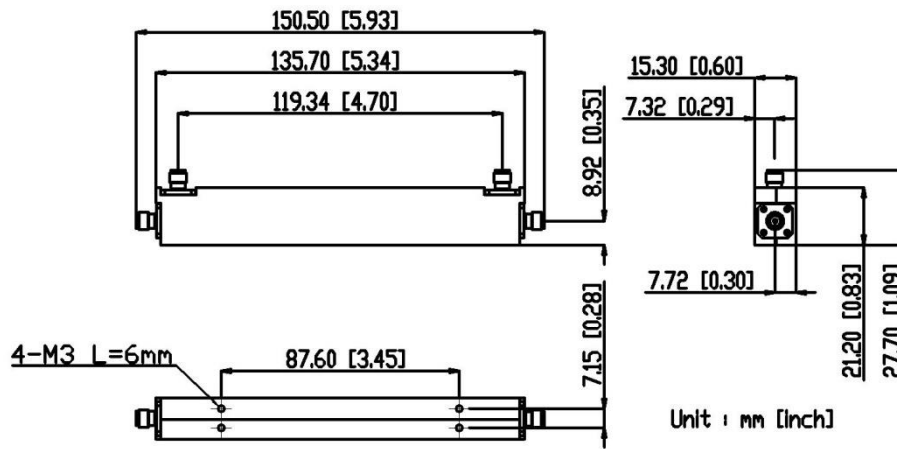


## Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.	
Nominal Coupling (Forward Direction)	dB	0.5 – 8	9	10	11	
Coupling Flatness (Forward Direction)				±0.7	±1.1	
Directivity (Forward Direction)			21	23		
Main Line VSWR	:1			1.15	1.25	
Coupled Line VSWR				1.15	1.25	
Insertion Loss (Including Coupling Loss)	dB				1.3	1.6
Nominal Coupling (Reverse Direction)			9.5	10.4	11.3	
Coupling Flatness (Reverse Direction)				±1.1	±1.4	
Directivity (Reverse Direction)			0.5 – 4	20	21	
		4 – 8	18	19		
Average Power Handling	W	0.5 – 8			20	

Operated in 50Ω system, 25°C environment.

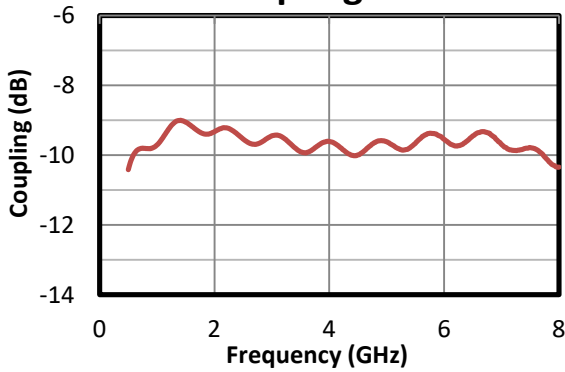
## Outline Drawing



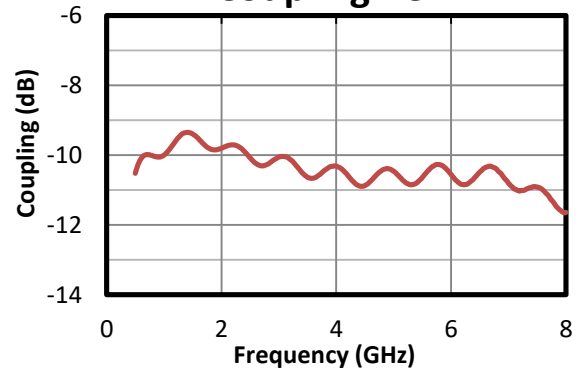
Connectors: SMA Female

## Typical Performance

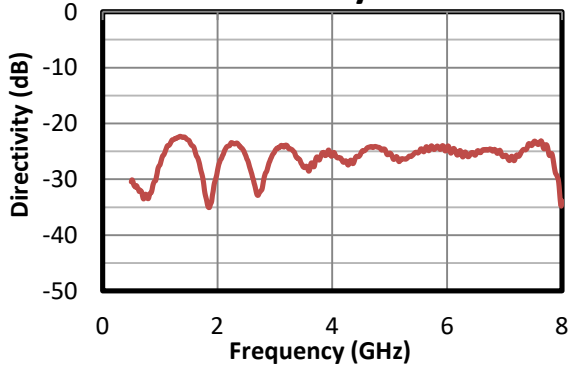
### Coupling Fwd.



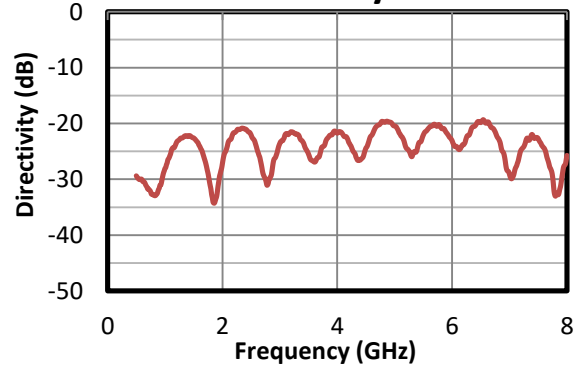
### Coupling Rev.

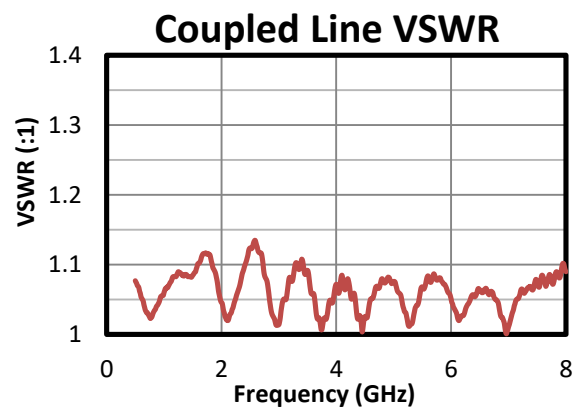
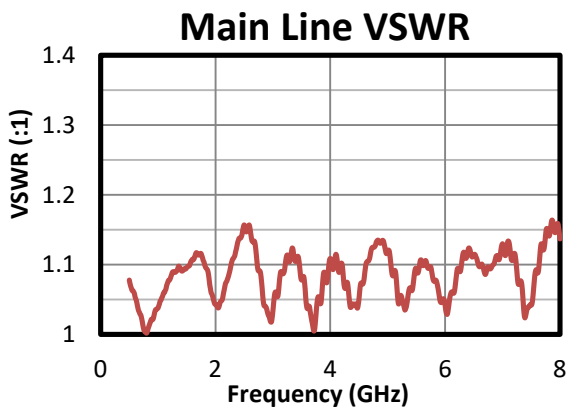


### Directivity Fwd.



### Directivity Rev.





Typical performance S-parameter file: <https://www.amtery.com/en/goods-43>

For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.