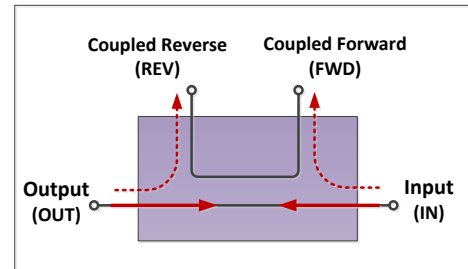




RoHS Compliant

Electrical schematic

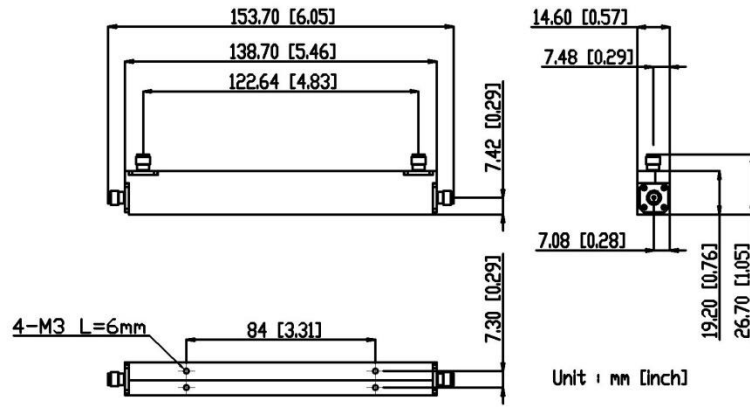


## Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.5 – 20	18.7	20	21.3
Coupling Flatness (Forward Direction)		0.5 – 20		±0.7	±1.1
Directivity (Forward Direction)		0.5 – 18	17	19	
		18 – 20	15	17	
Insertion Loss		0.5 – 20		1.4	1.7
Main Line VSWR	:1	0.5 – 18		1.20	1.35
Coupled Line VSWR		18 – 20		1.30	1.40
	Coupled Line VSWR	:1	0.5 – 18		1.25
18 – 20				1.30	1.40
Nominal Coupling (Reverse Direction)	dB	0.5 – 20	19.6	21	22.5
Coupling Flatness (Reverse Direction)		0.5 – 20		±1.4	±1.8
Directivity (Reverse Direction)		0.5 – 18	16	18	
		18 – 20	13	15	
Average Power Handling	W	0.5 – 20			20

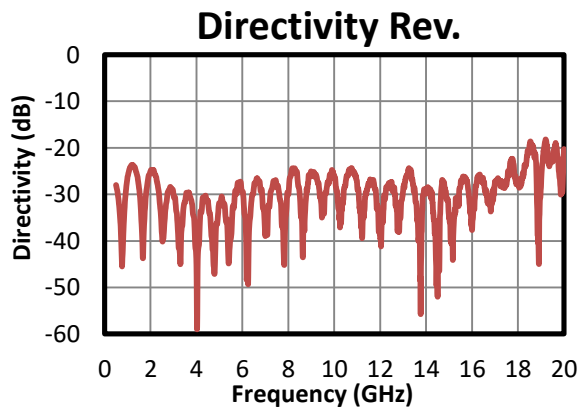
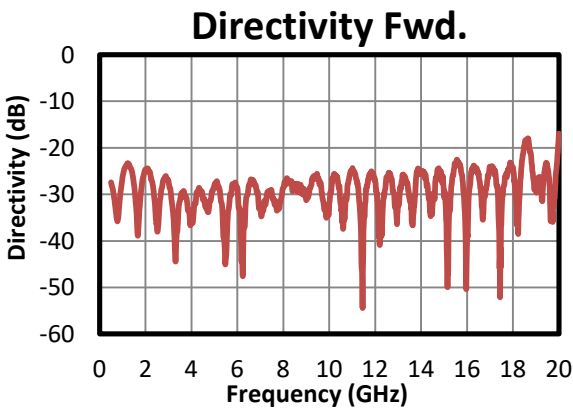
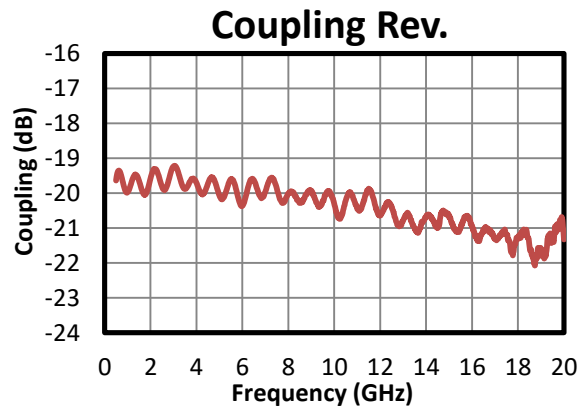
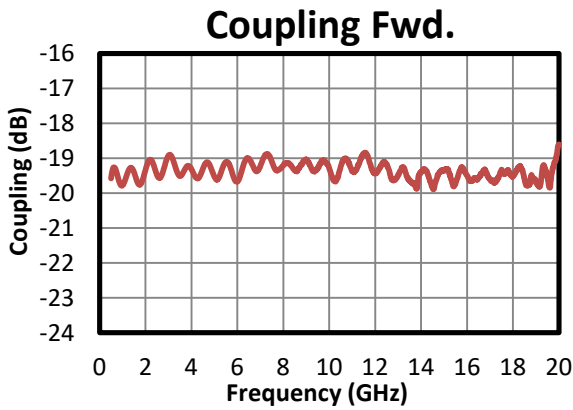
Operated in 50Ω system, 25°C environment.

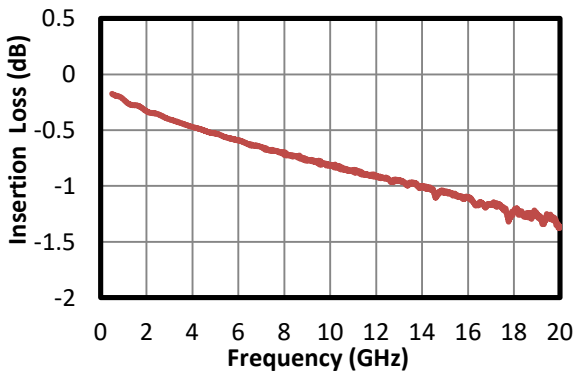
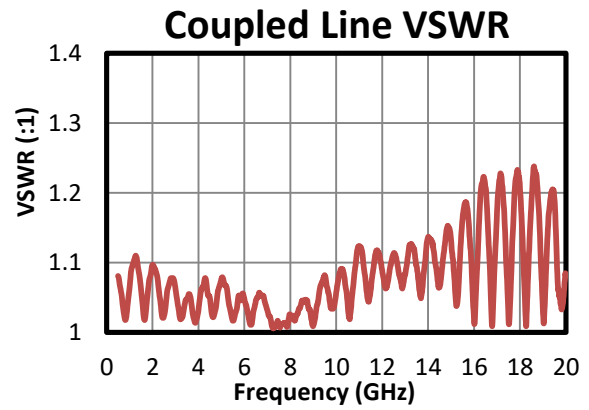
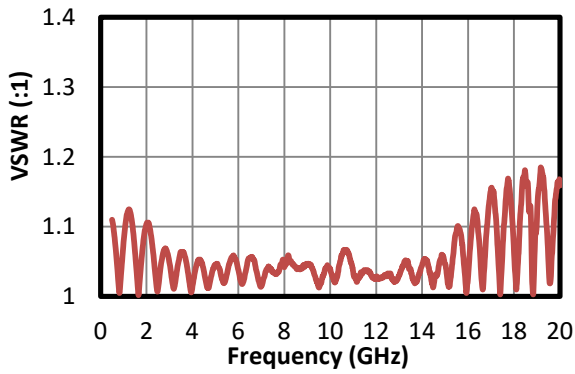
## Outline Drawing



Connectors: SMA Female

## Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-75>

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

Note: Specifications are subject to change without notice.