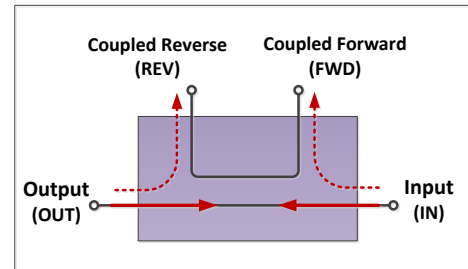




RoHS Compliant

Electrical schematic

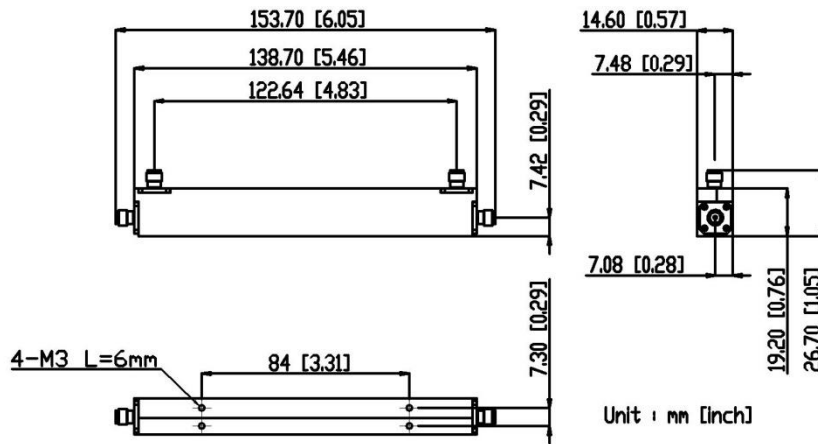


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.5 – 18	18.5	20	21.5
Coupling Flatness (Forward Direction)		0.5 – 18		±0.6	±1.0
Directivity (Forward Direction)		0.5 – 8	21	24	
		8 – 18	17	21	
Insertion Loss		0.5 – 18		1.3	1.7
Main Line VSWR	:1	0.5 – 8		1.10	1.15
		8 – 18		1.20	1.30
Coupled Line VSWR		0.5 – 8		1.10	1.25
		8 – 18		1.20	1.35
Nominal Coupling (Reverse Direction)	dB	0.5 – 18	19.5	21	23
Coupling Flatness (Reverse Direction)		0.5 – 18		±1.3	±1.7
Directivity (Reverse Direction)		0.5 – 8	18	23	
		8 – 18	15	19	
Average Power Handling	W	0.5 – 18			20

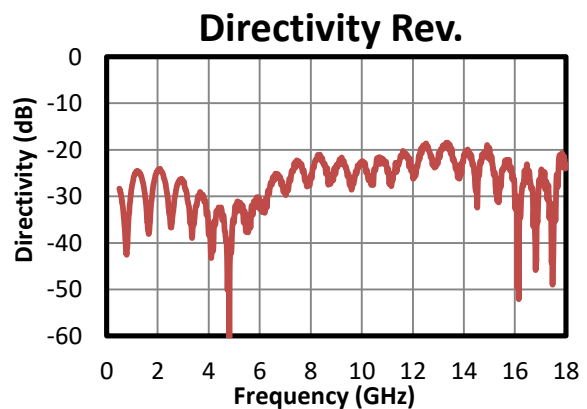
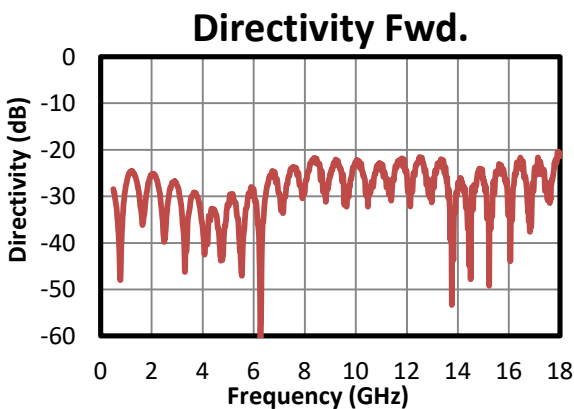
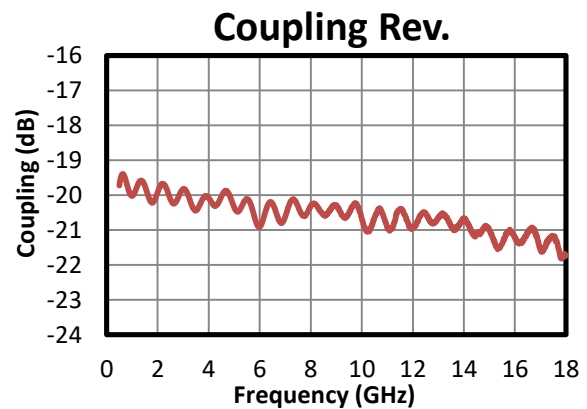
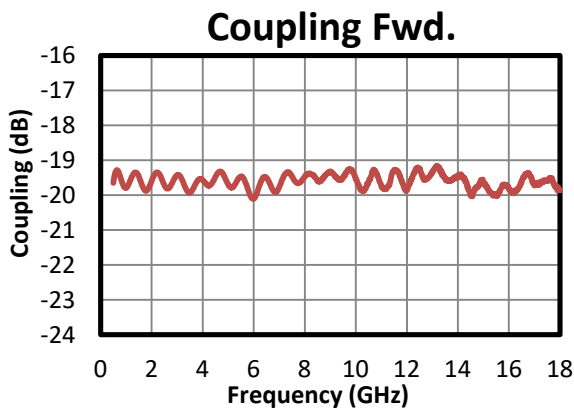
Operated in 50Ω system, 25°C environment.

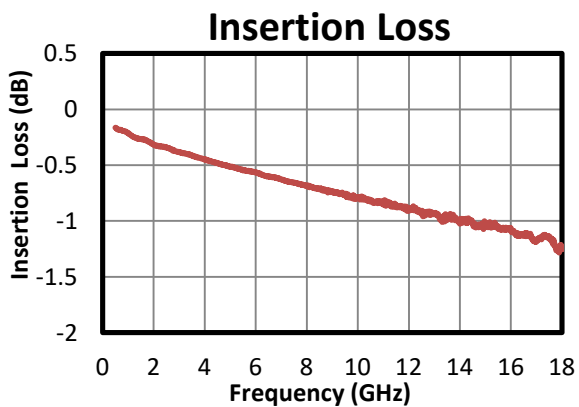
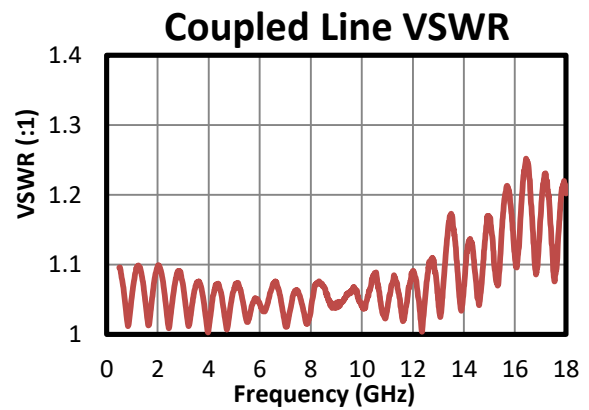
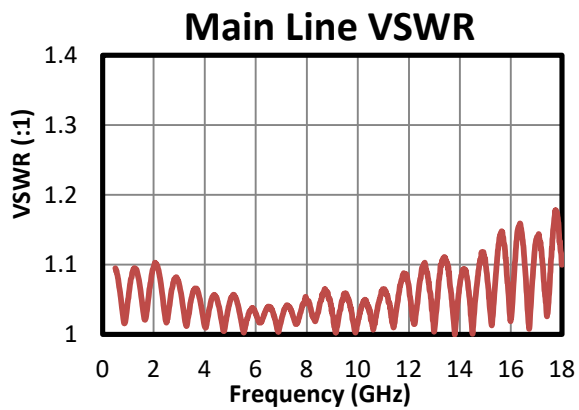
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-41>

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

Note: Specifications are subject to change without notice.