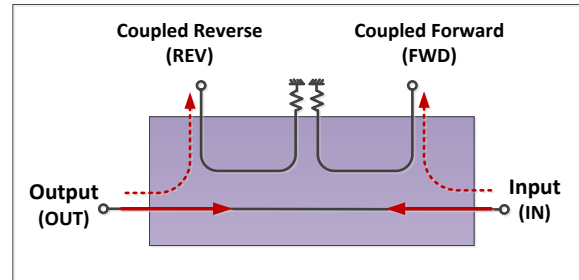




RoHS Compliant

Electrical schematic

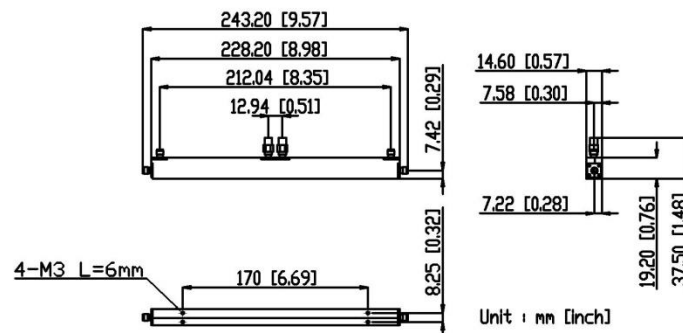


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 8	19	20	21
Coupling Flatness (Forward & Reverse Direction)				±0.7	±1.0
Directivity (Forward & Reverse Direction)			22	26	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.10	1.25
Insertion Loss	dB				1.2
Average Power Handling	W				20

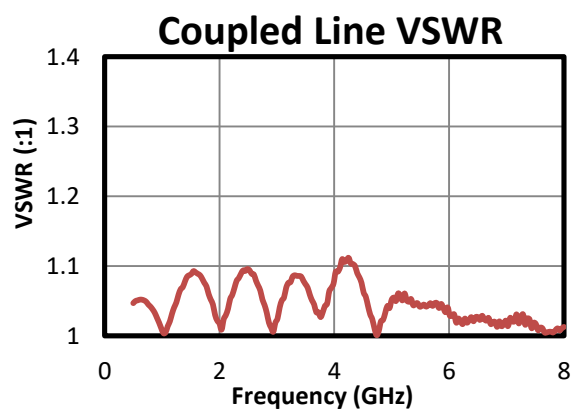
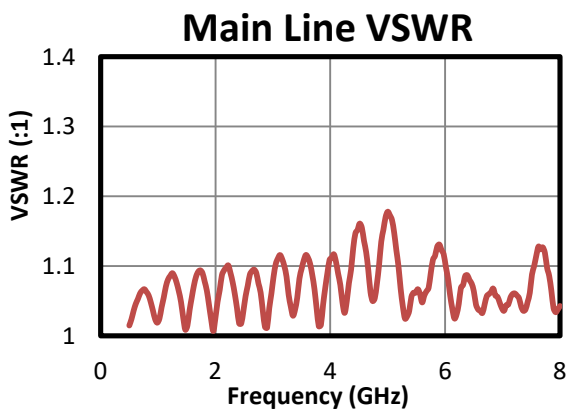
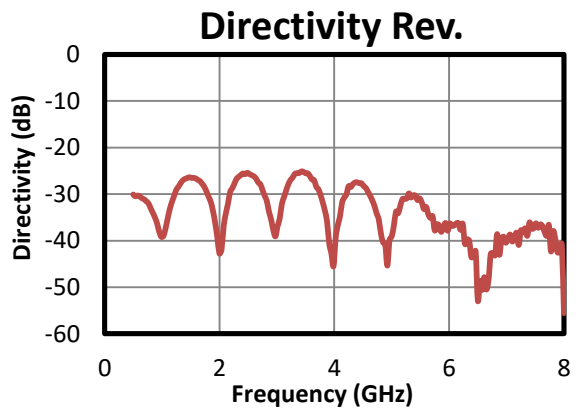
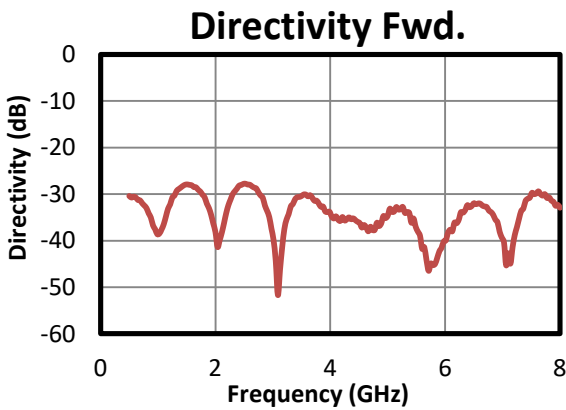
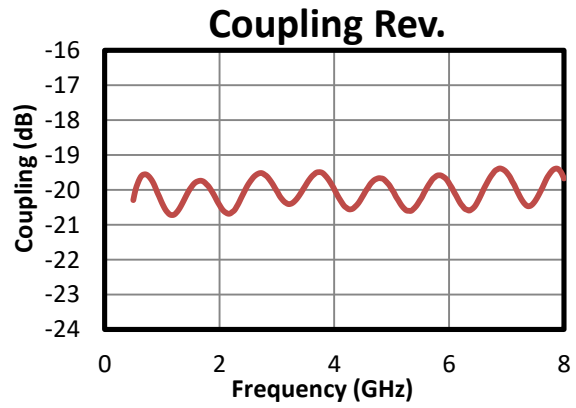
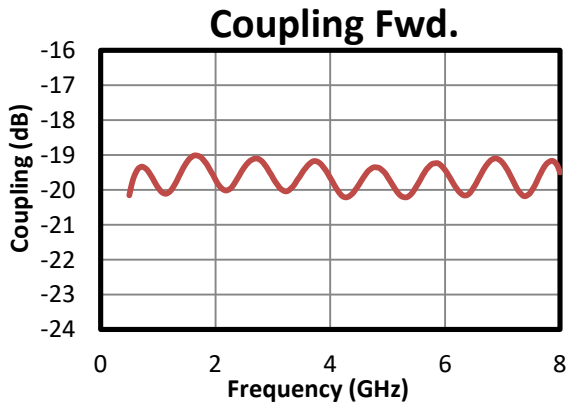
Operated in 50Ω system, 25°C environment.

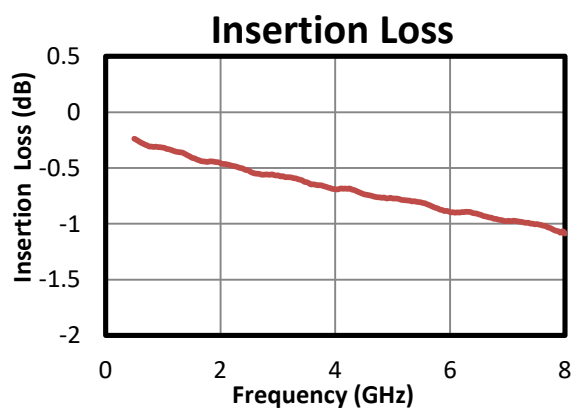
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-38>

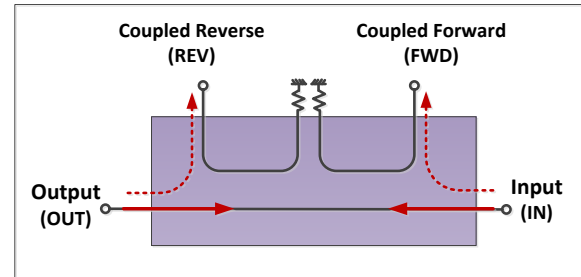
For each S/N S-parameter file: <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

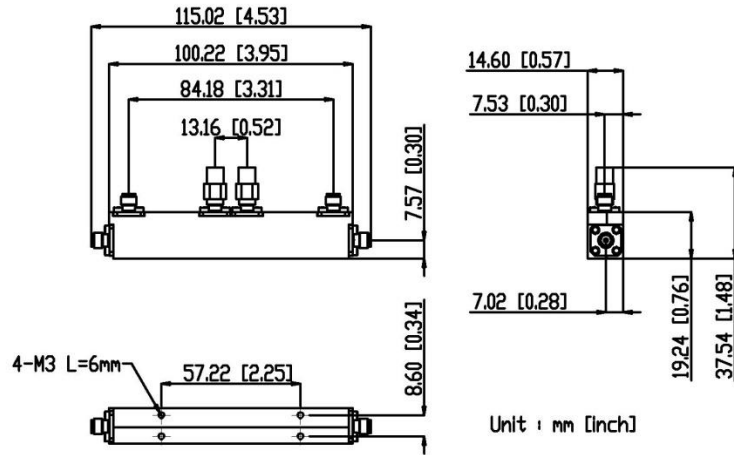


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	2 – 18	19	20	21
Coupling Flatness (Forward & Reverse Direction)		2 – 18		±0.5	±0.7
Directivity (Forward & Reverse Direction)		2 – 8 8 – 18	20 17	27 20	
Main Line VSWR	:1	2 – 8 8 – 18		1.10 1.15	1.25 1.30
Coupled Line VSWR		2 – 8 8 – 18		1.10 1.20	1.25 1.35
Insertion Loss	dB	2 – 18		1.0	1.3
Average Power Handling	W	2 – 18			20

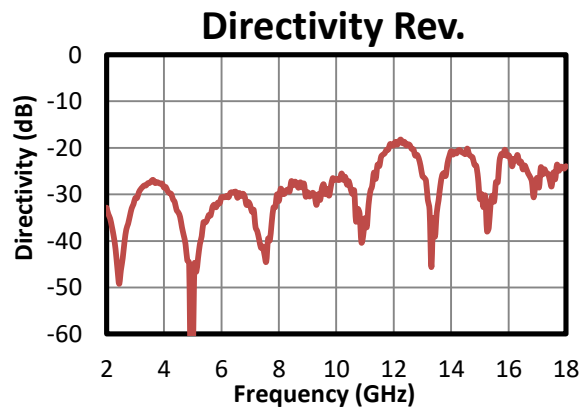
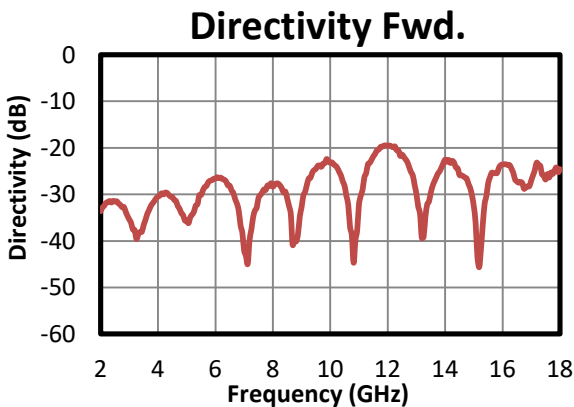
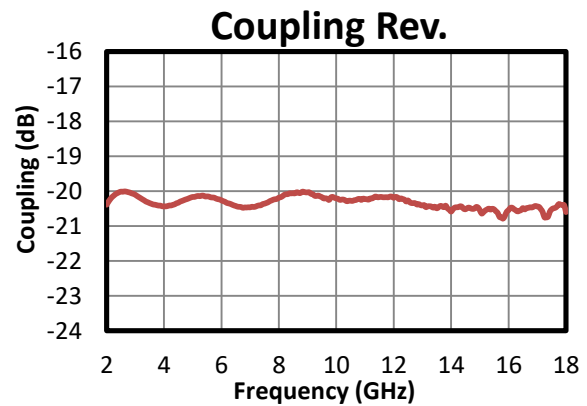
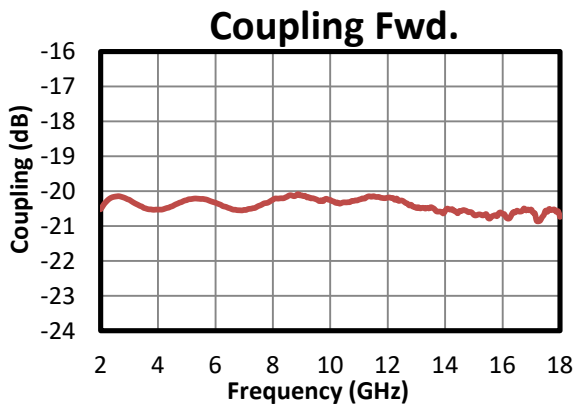
Operated in 50Ω system, 25°C environment.

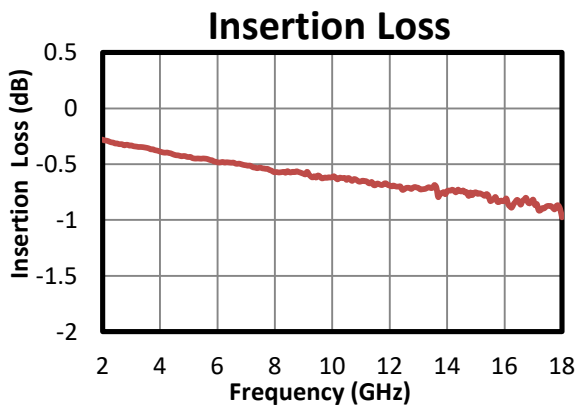
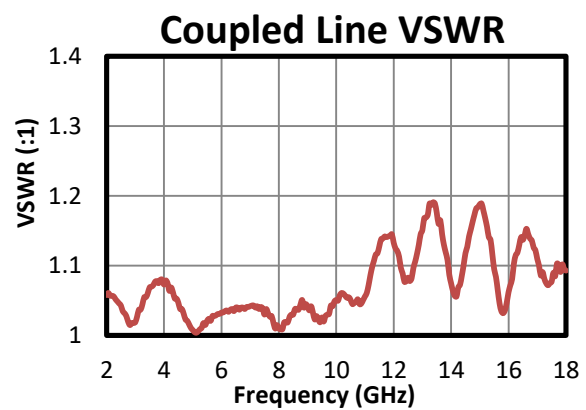
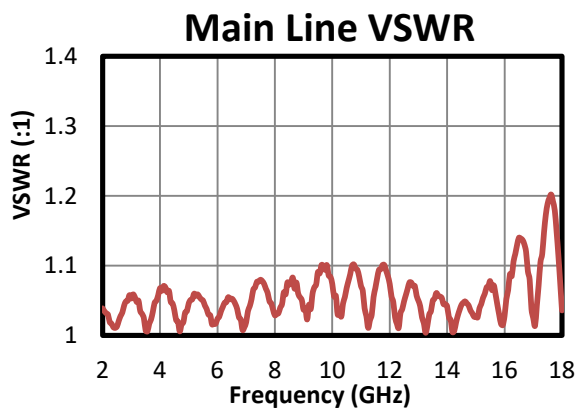
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-39>

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

Note: Specifications are subject to change without notice.