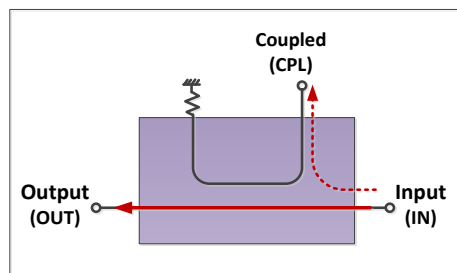




RoHS Compliant

Electrical schematic

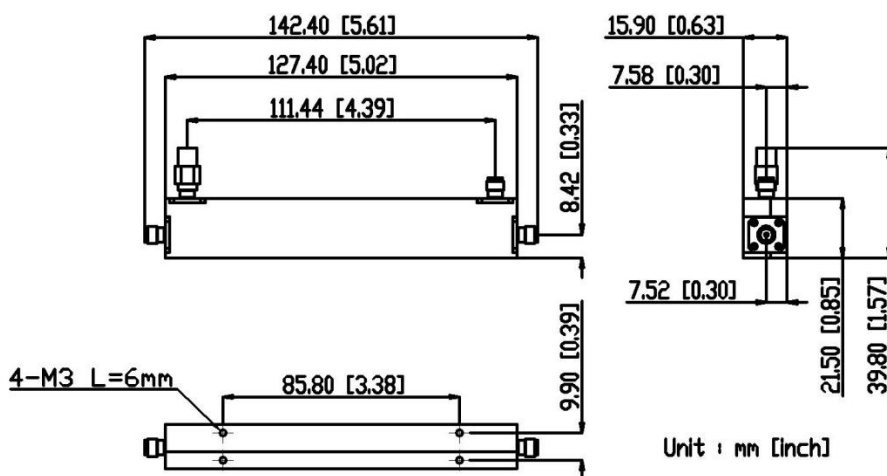


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 8	5.4	6.0	6.6
Coupling Flatness	dB			±0.5	±0.7
Directivity	dB		21	23	
Main Line VSWR	:1			1.20	1.27
Coupled Line VSWR	:1			1.20	1.27
Insertion Loss (Including Coupling Loss)	dB			2.0	2.4
Average Power Handling	W				50

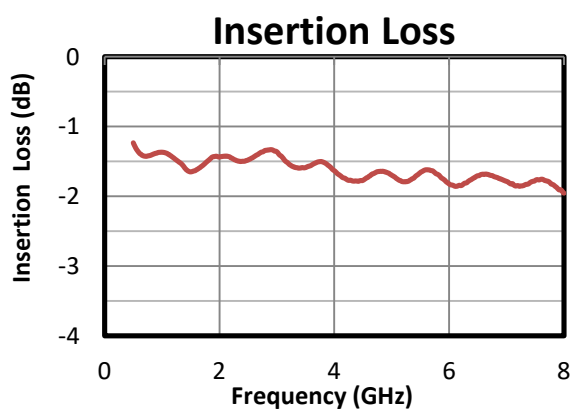
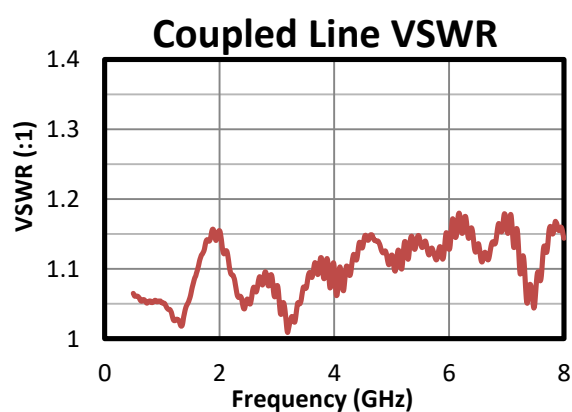
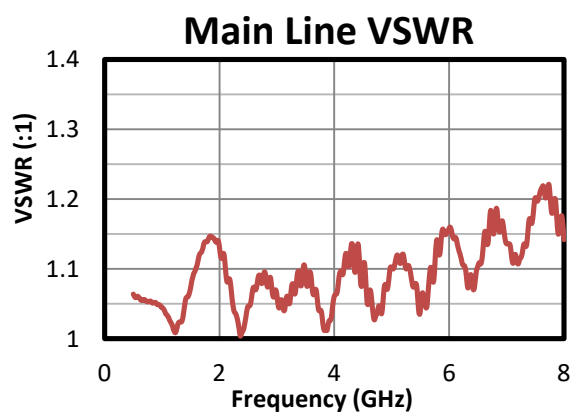
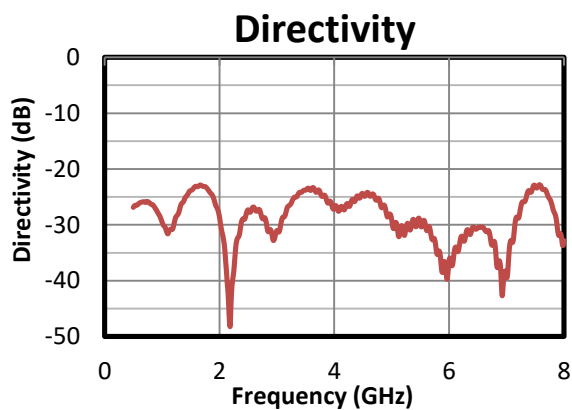
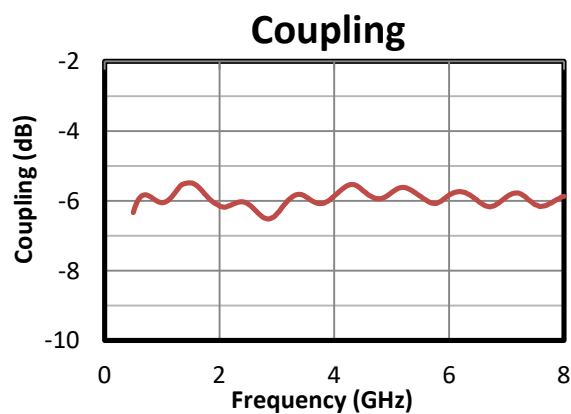
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-65>

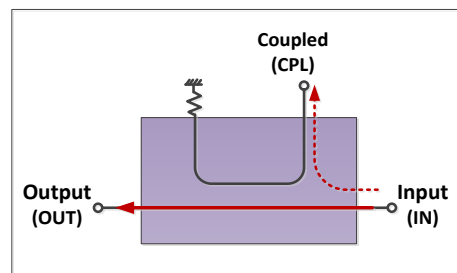
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

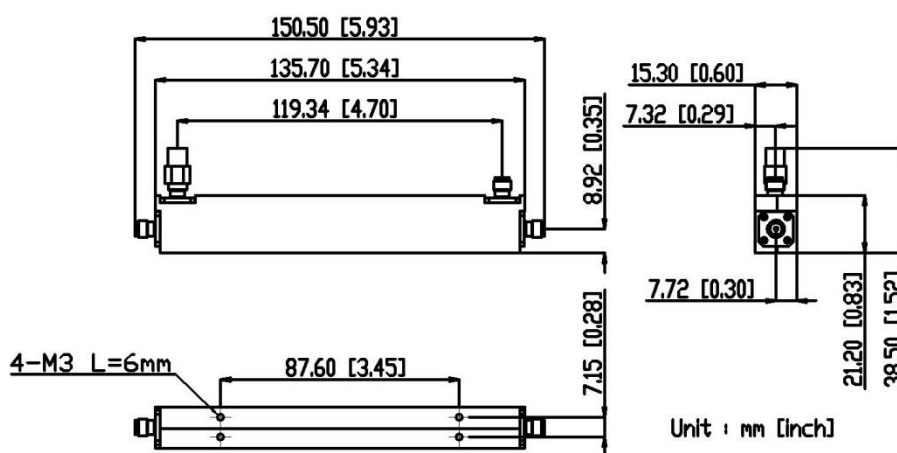


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 8	9	10	11
Coupling Flatness	dB			±0.7	±1.1
Directivity	dB		20	23	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR	:1			1.15	1.25
Insertion Loss (Including Coupling Loss)	dB			1.3	1.6
Average Power Handling	W				20

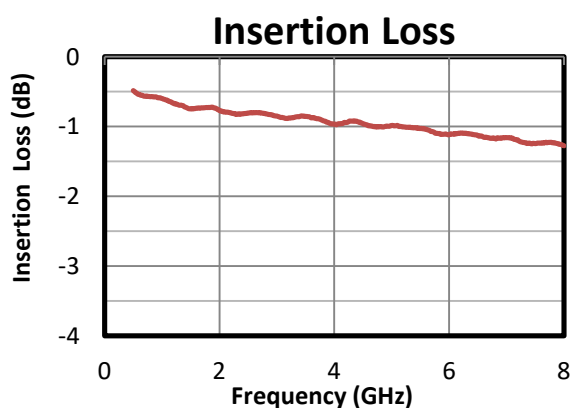
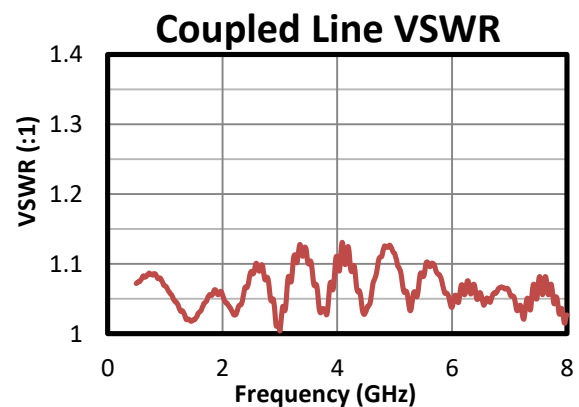
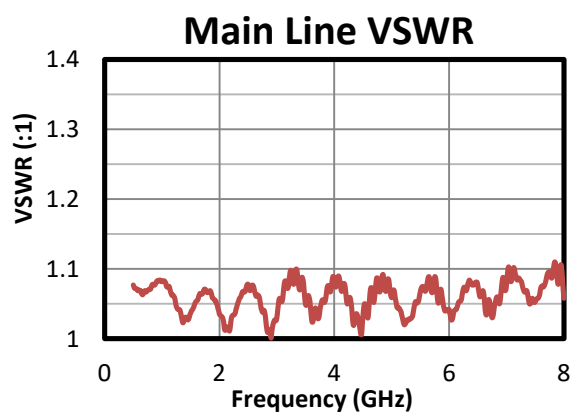
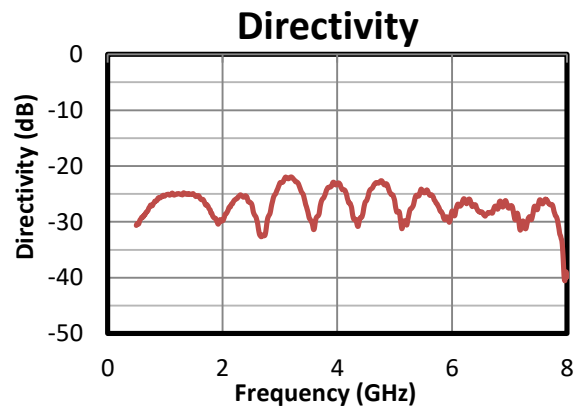
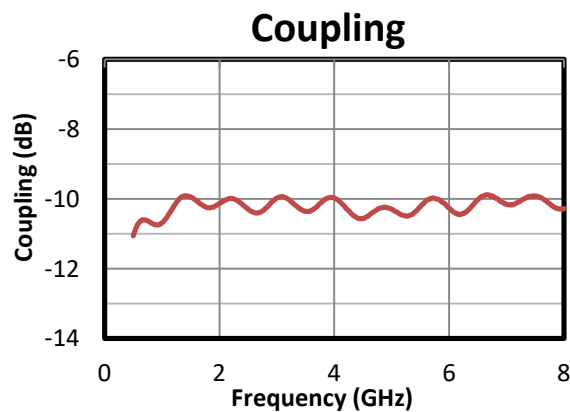
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-42>

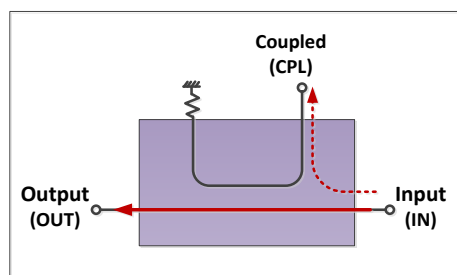
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

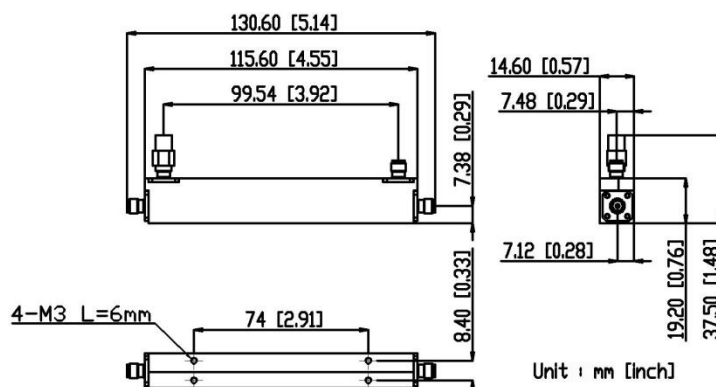


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 8	19	20	21
Coupling Flatness	dB	0.5 – 8		±0.8	±1.2
Directivity	dB	0.5 – 4	24	29	
		4 – 8	22	25	
Main Line VSWR	:1	0.5 – 4		1.08	1.15
		4 – 8		1.10	1.20
Coupled Line VSWR	:1	0.5 – 4		1.08	1.15
		4 – 8		1.10	1.25
Insertion Loss	dB	0.5 – 8		0.6	0.8
Average Power Handling	W	0.5 – 8			20

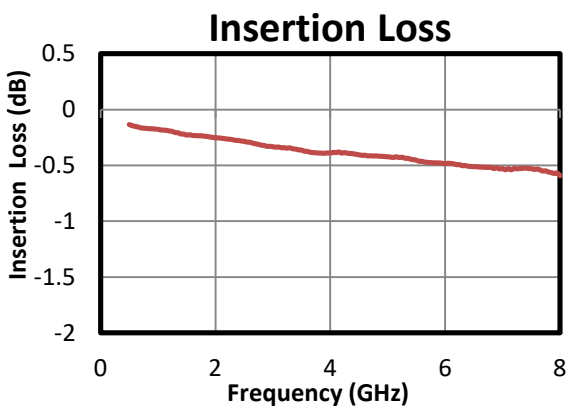
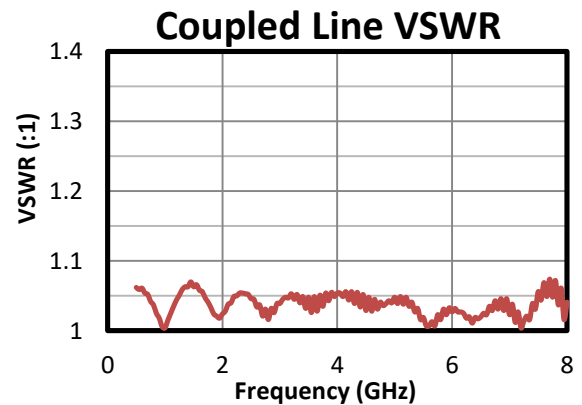
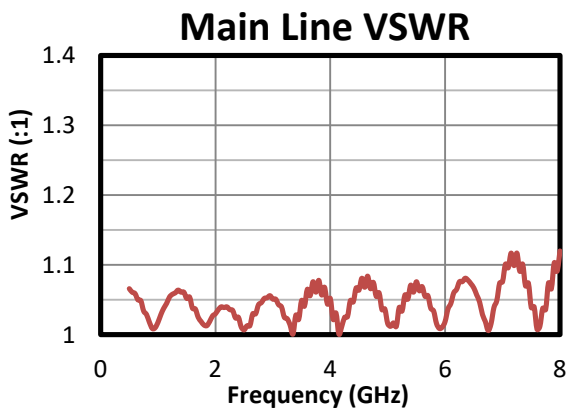
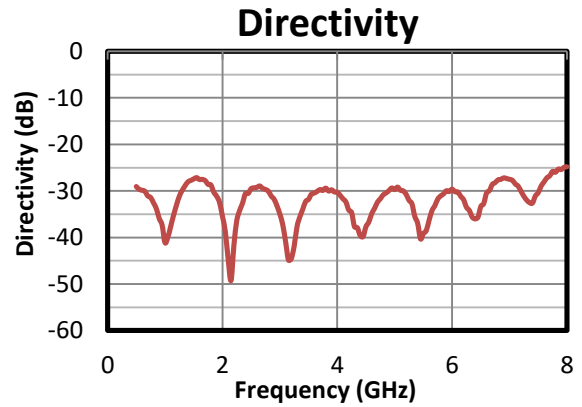
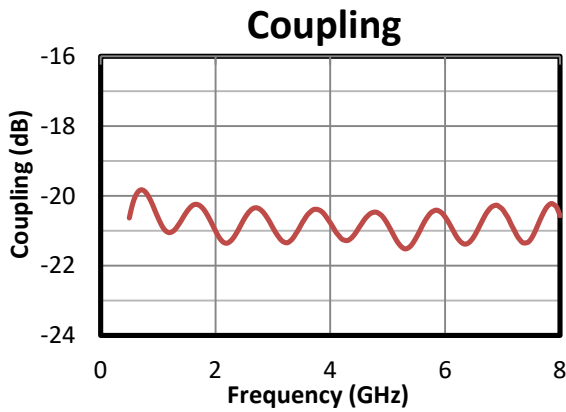
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-27>

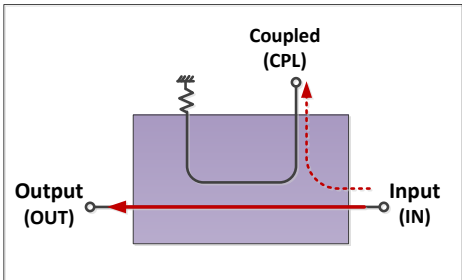
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

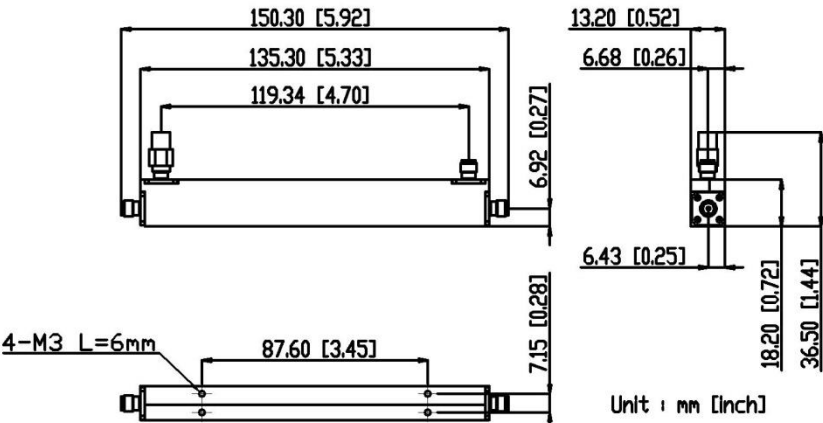


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 12.4	9	10	11
Coupling Flatness				±0.7	±1.1
Directivity			19	21	
Main Line VSWR				1.20	1.30
Coupled Line VSWR	:1			1.20	1.35
Insertion Loss (Including Coupling Loss)				1.6	2.0
Average Power Handling	W				

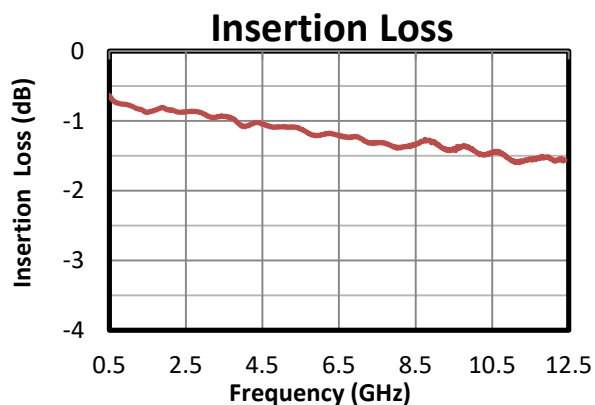
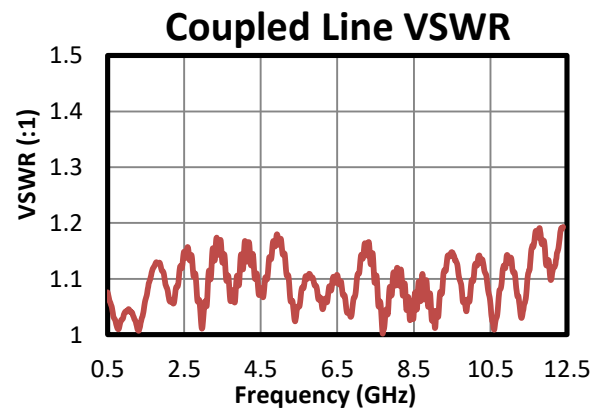
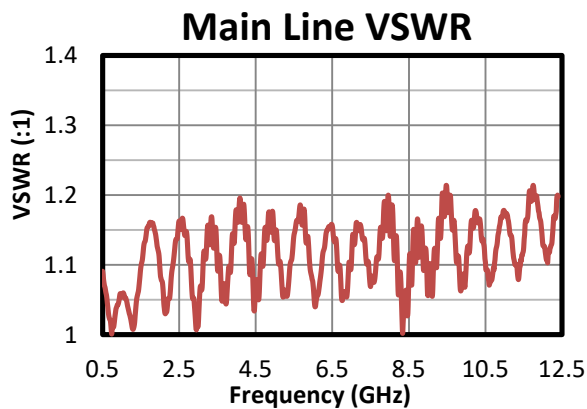
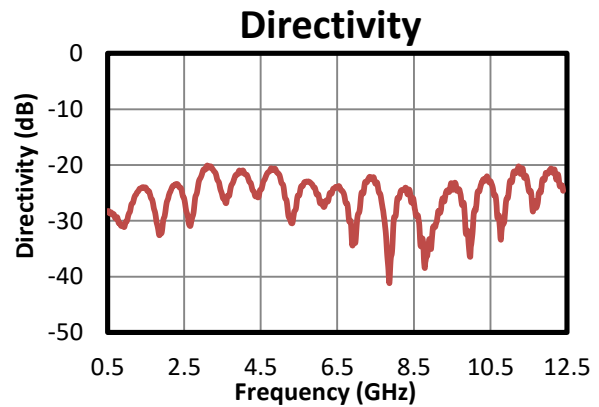
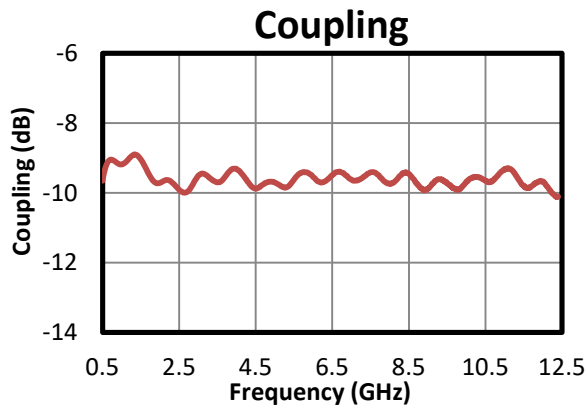
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-69>

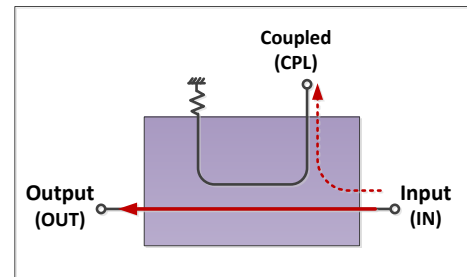
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

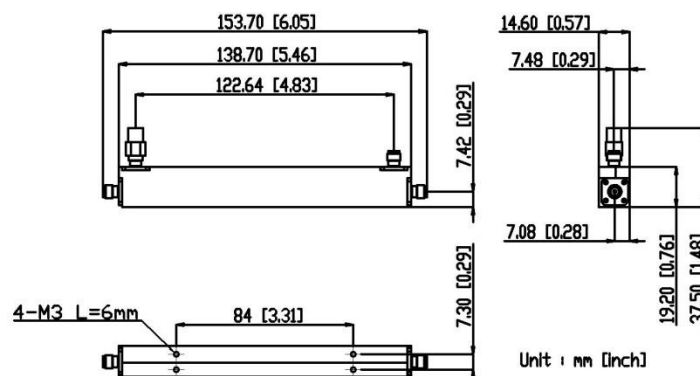


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 18	18.5	20	21.5
Coupling Flatness		0.5 – 18		±0.6	±1.0
Directivity		0.5 – 8	21	26	
		8 – 18	18	22	
Insertion Loss		0.5 – 18		1.3	1.6
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		1.25	1.35
Average Power Handling	W	0.5 – 18			20

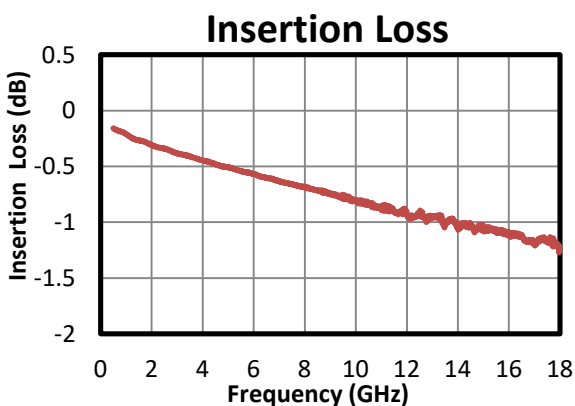
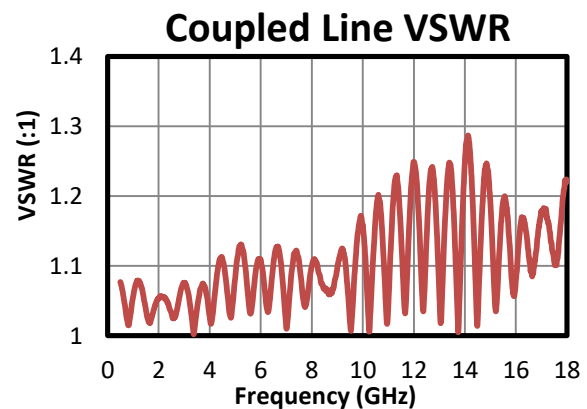
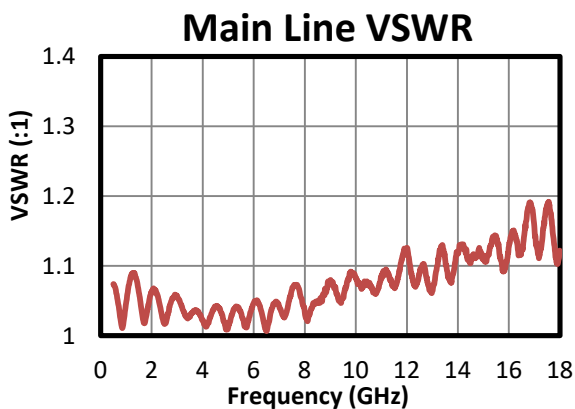
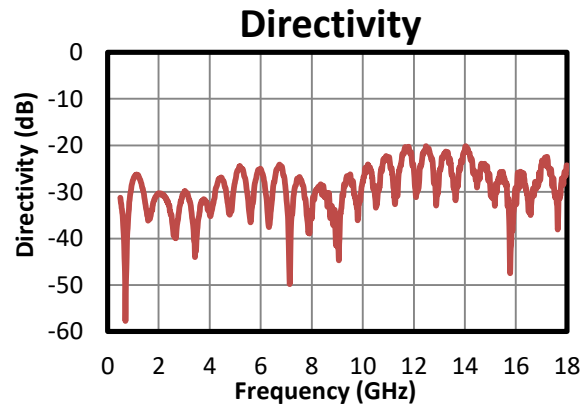
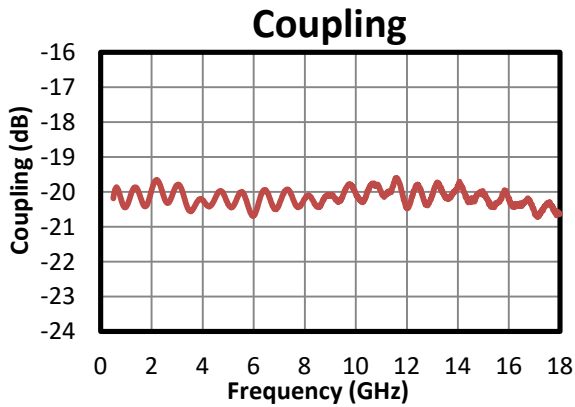
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-40>

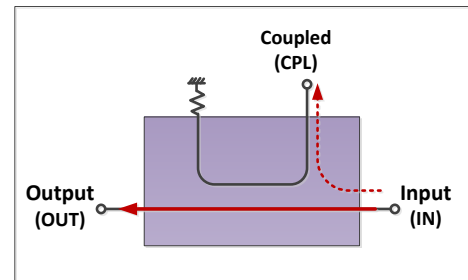
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

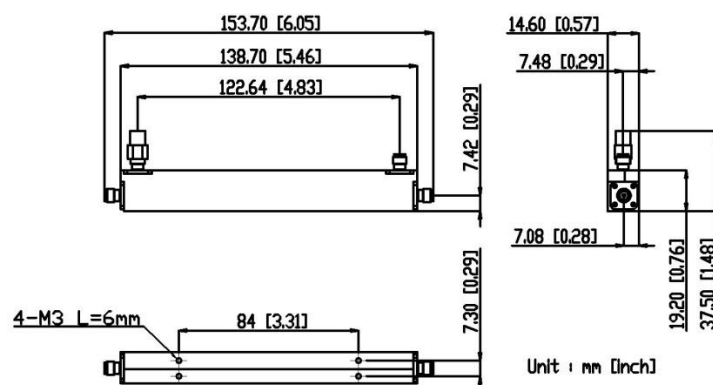


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	0.5 – 20	18.8	20	21.2
Coupling Flatness		0.5 – 20		±0.7	±1.1
Directivity		0.5 – 18.5	17	21	
		18.5 – 20	15	17	
Insertion Loss		0.5 – 20		1.4	1.7
Main Line VSWR	:1	0.5 – 18.5		1.20	1.35
		18.5 – 20		1.30	1.40
Coupled Line VSWR		0.5 – 18.5		1.25	1.35
		18.5 – 20		1.30	1.45
Average Power Handling	W	0.5 – 20			20

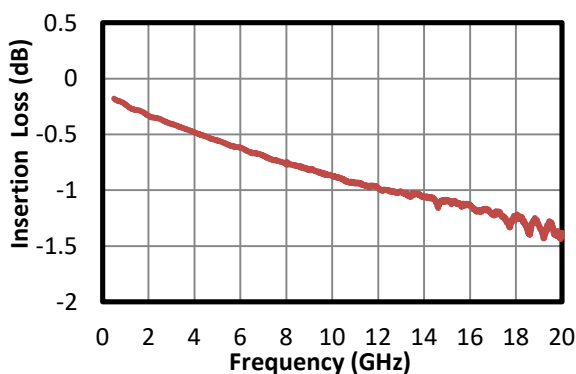
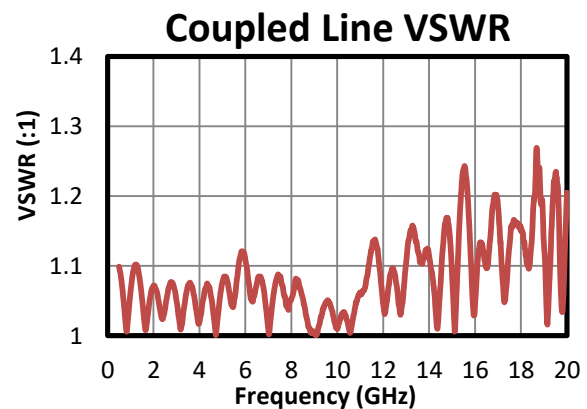
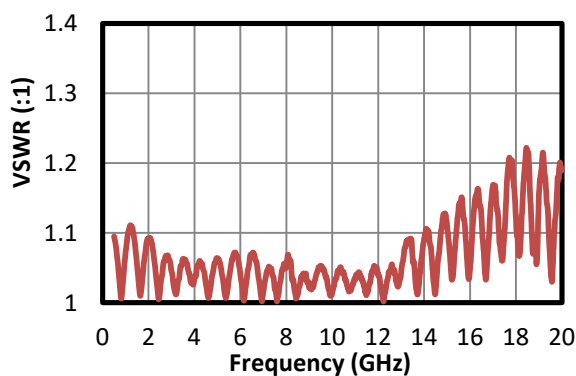
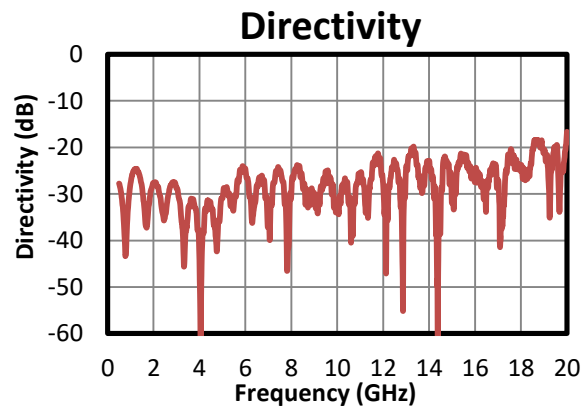
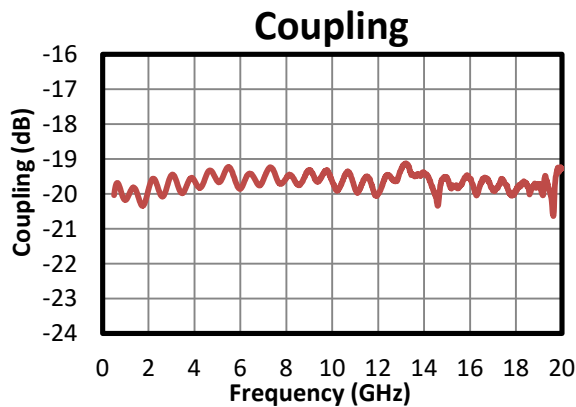
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

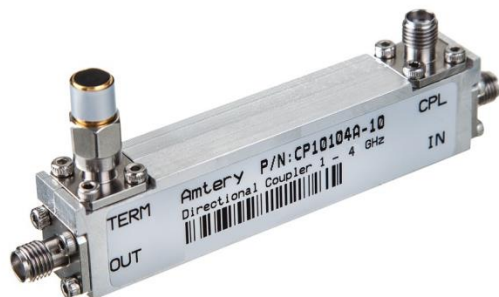
Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-74>

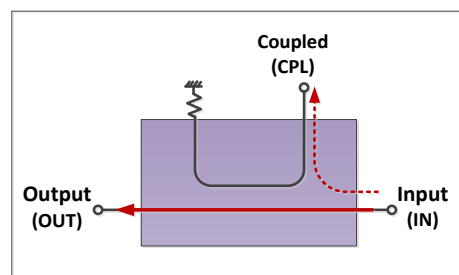
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

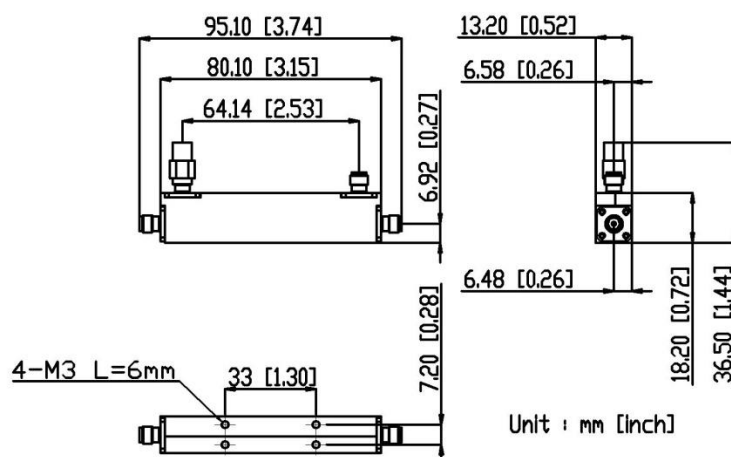


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	1 - 4	9	10	11
Coupling Flatness				±0.6	±0.9
Directivity			19	21	
Main Line VSWR	:1	1 - 4		1.15	1.25
Coupled Line VSWR		1 - 4		1.20	1.25
Insertion Loss (Including Coupling Loss)	dB	1 - 4		0.9	1.3
Average Power Handling	W	1 - 4			20

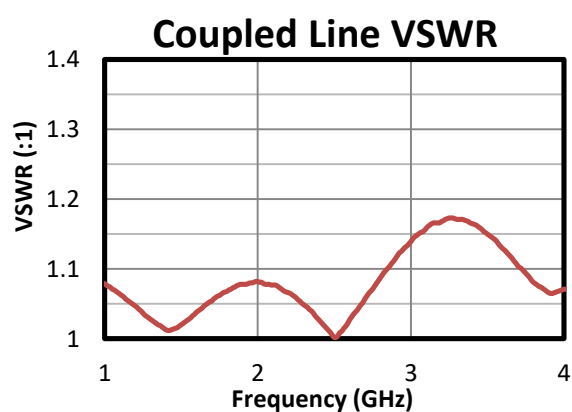
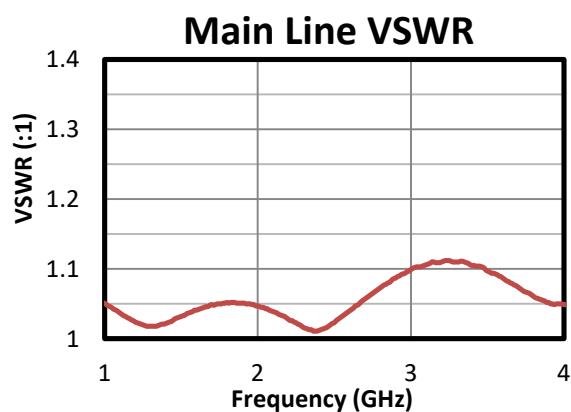
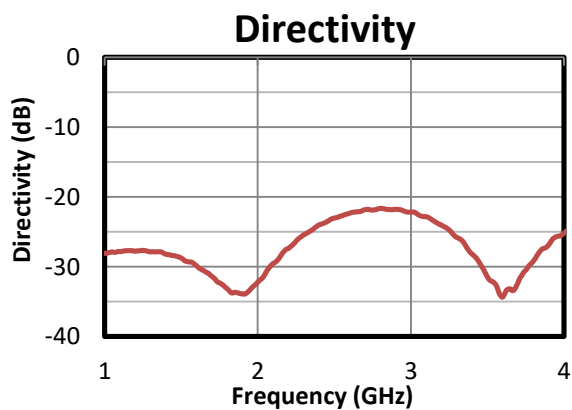
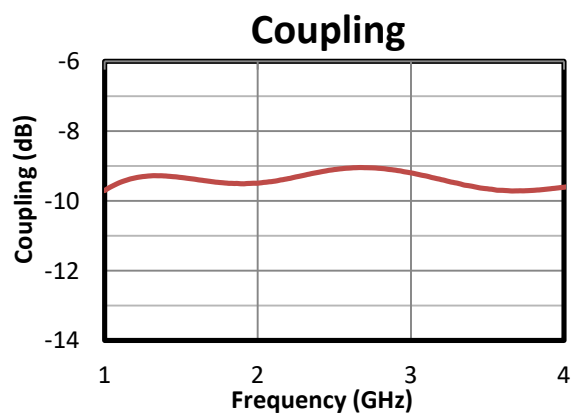
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



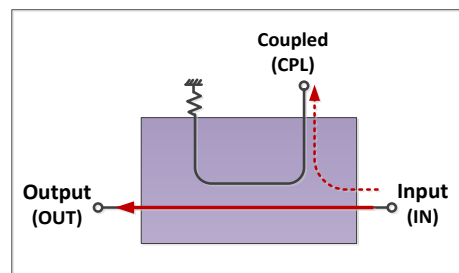
Typical performance S-parameter file: <https://www.amtery.com/en/goods-76>

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

Note: Specifications are subject to change without notice.



Electrical schematic



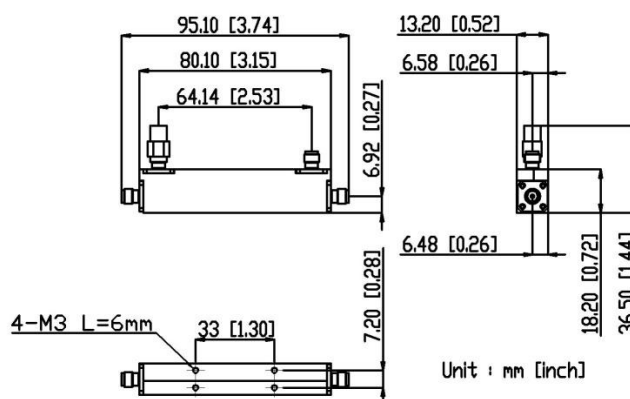
RoHS Compliant

Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	1 – 20	9	10	11
Coupling Flatness				±0.6	±0.9
Directivity			19	23	
Main Line VSWR	:1	1 – 8		1.15	1.25
		8 – 20		1.20	1.30
Coupled Line VSWR		1 – 8		1.15	1.25
		8 – 20		1.25	1.35
Insertion Loss (Including Coupling Loss)	dB	1 – 20		1.6	1.9
Average Power Handling	W	1 – 20			20

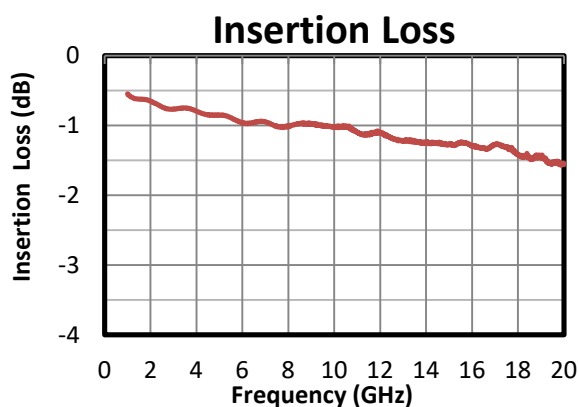
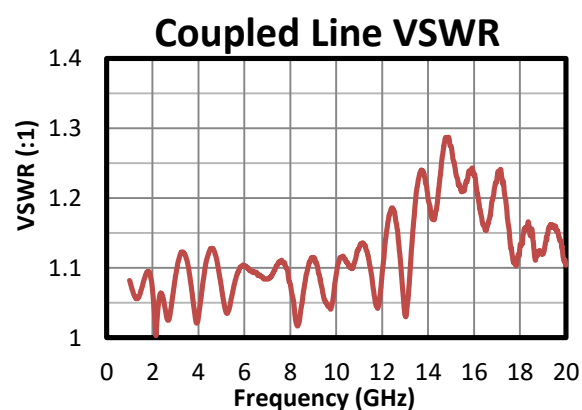
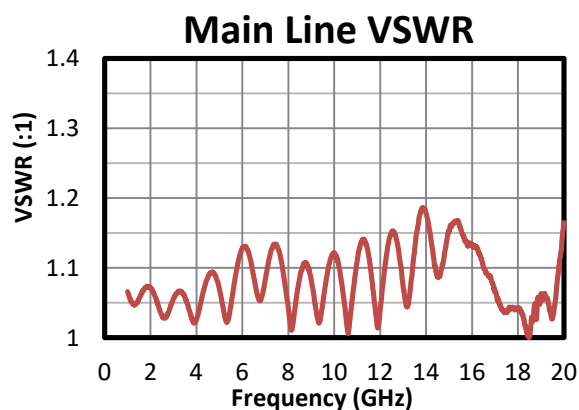
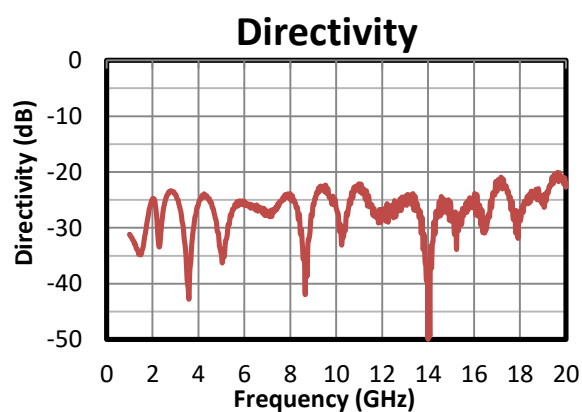
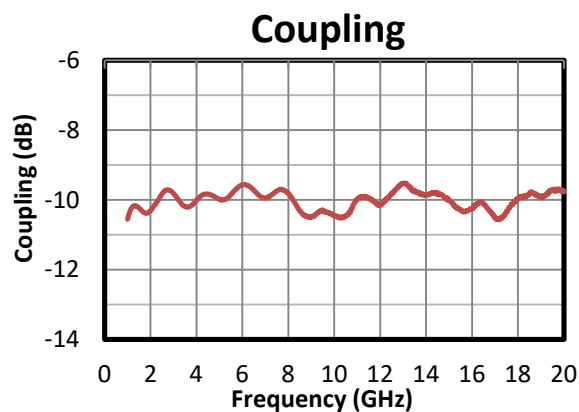
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

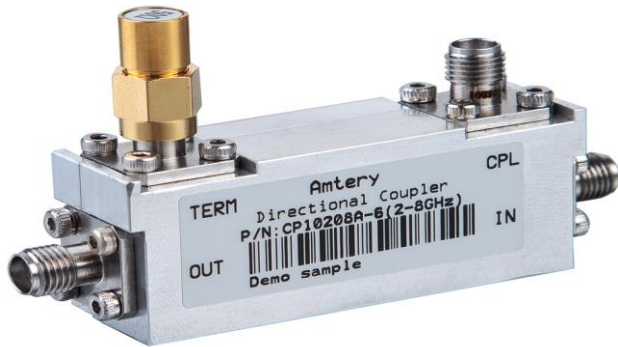
Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-59>

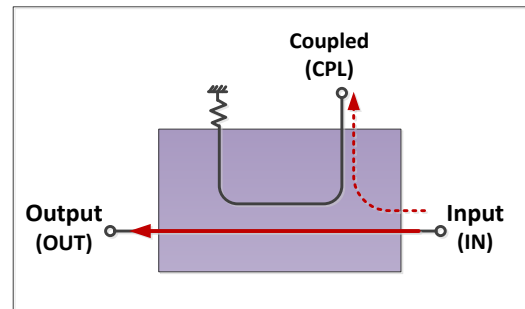
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

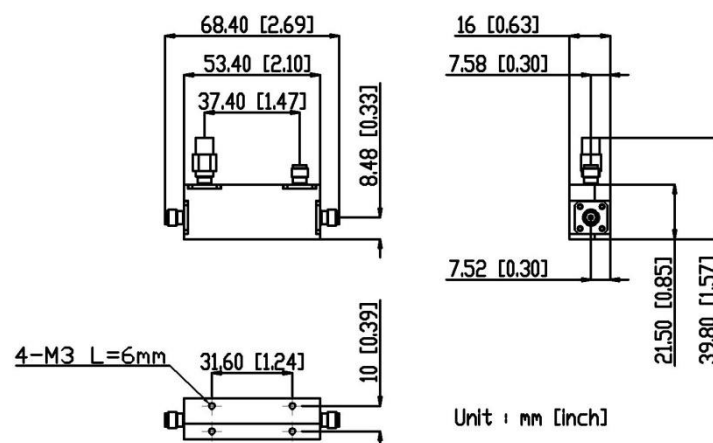


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	2 – 8	5.3	6	6.7
Coupling Flatness	dB			±0.2	±0.3
Directivity	dB		21	23	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR	:1			1.20	1.25
Insertion Loss (Including Coupling Loss)	dB			1.7	2.1
Average Power Handling	W				50

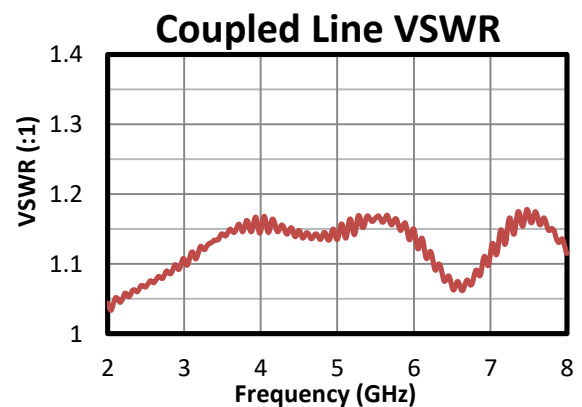
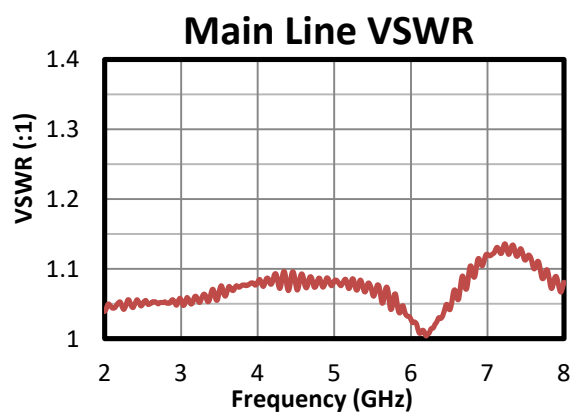
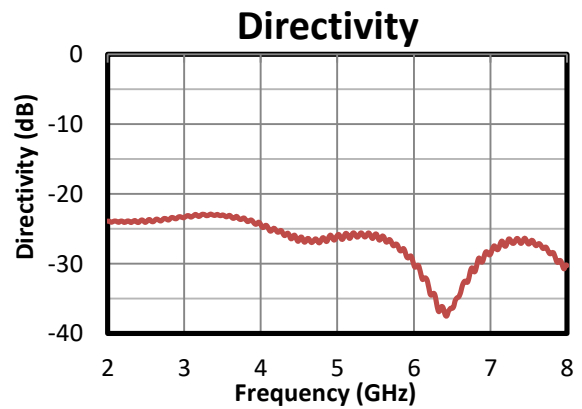
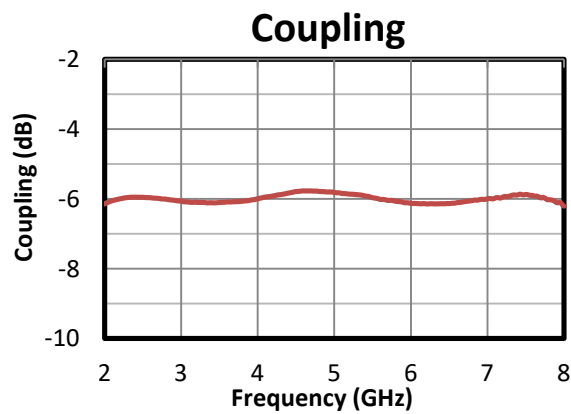
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

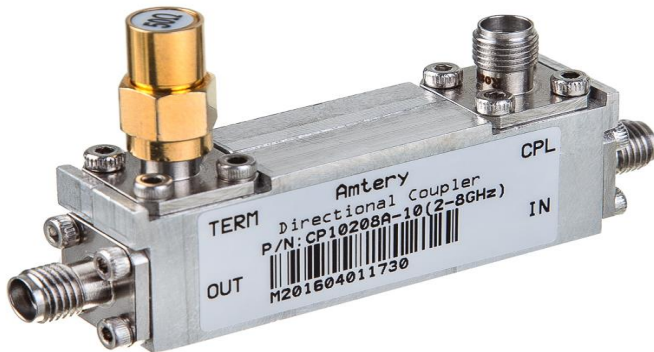
Typical Performance



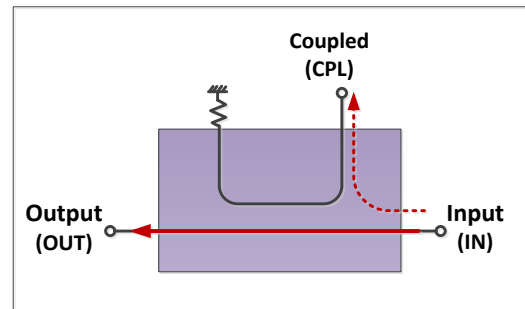
Typical performance S-parameter file: <https://www.amtery.com/en/goods-49>

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

Note: Specifications are subject to change without notice.



Electrical schematic



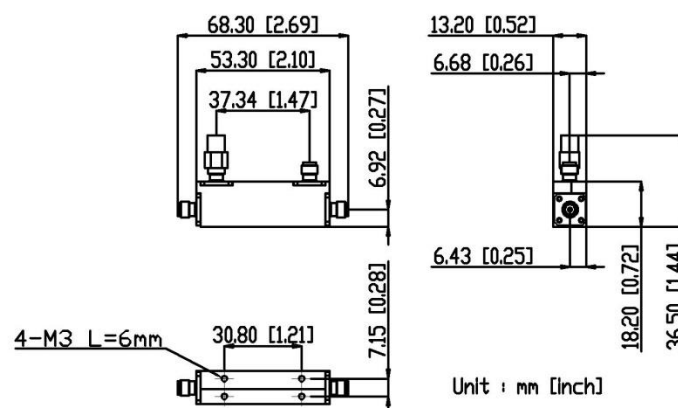
RoHS Compliant

Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	2 – 8	9	10	11
Coupling Flatness	dB			±0.25	±0.3
Directivity	dB		24	27	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR	:1			1.15	1.25
Insertion Loss (Including Coupling Loss)	dB			0.9	1.1
Average Power Handling	W				20

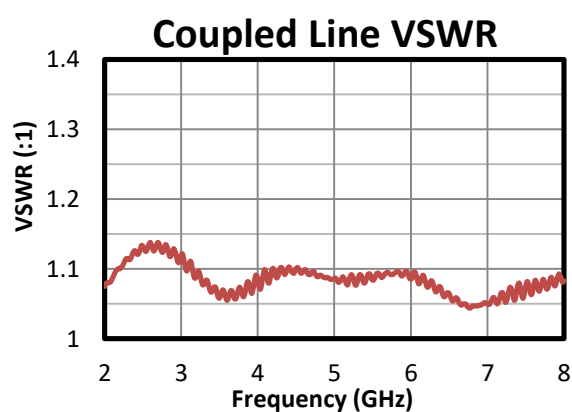
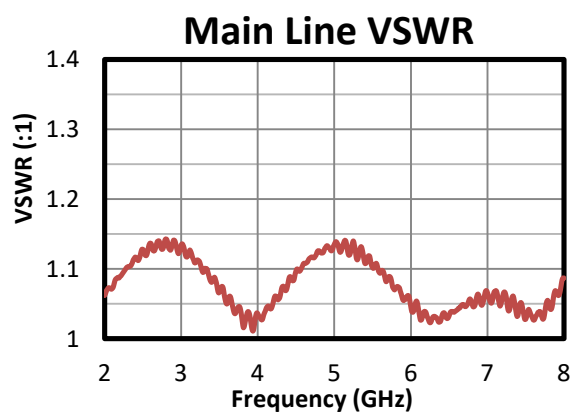
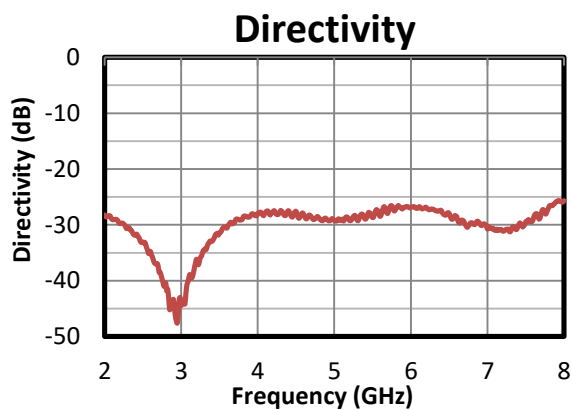
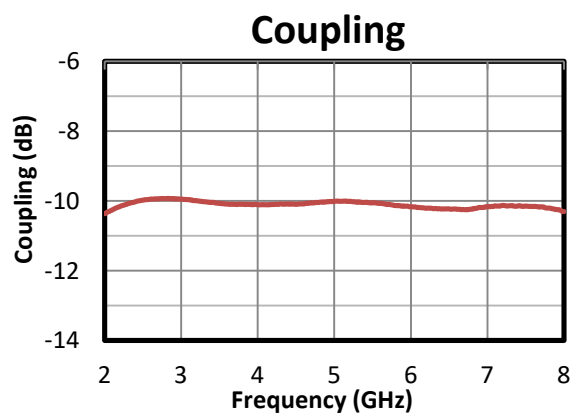
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

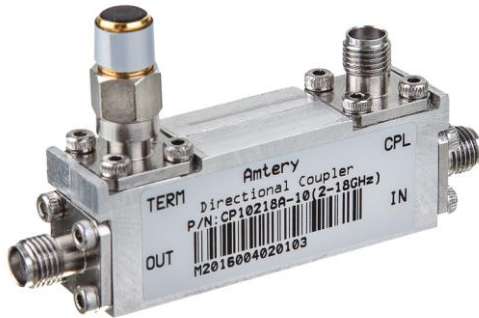
Typical Performance



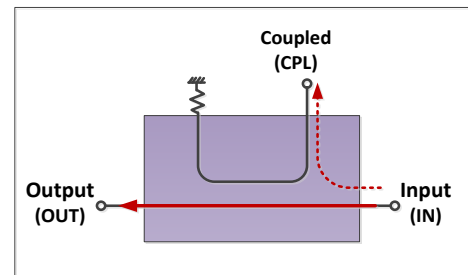
Typical performance S-parameter file: <https://www.amtery.com/en/goods-47>

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

Note: Specifications are subject to change without notice.



Electrical schematic



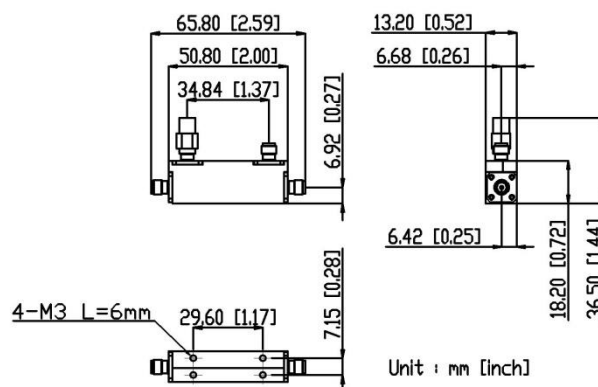
RoHS Compliant

Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	2 – 18	9	10	11
Coupling Flatness				±0.6	±0.8
Directivity			19	23	
Main Line VSWR	:1	2 – 8		1.15	1.25
		8 – 18		1.20	1.30
Coupled Line VSWR		2 – 8		1.20	1.25
		8 – 18		1.25	1.35
Insertion Loss (Including Coupling Loss)	dB	2 – 18		1.1	1.4
Average Power Handling	W	2 – 18			20

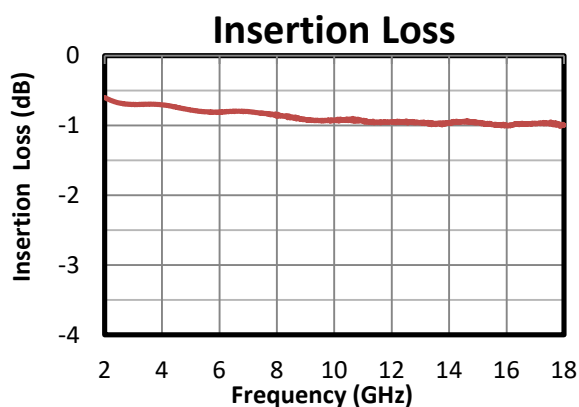
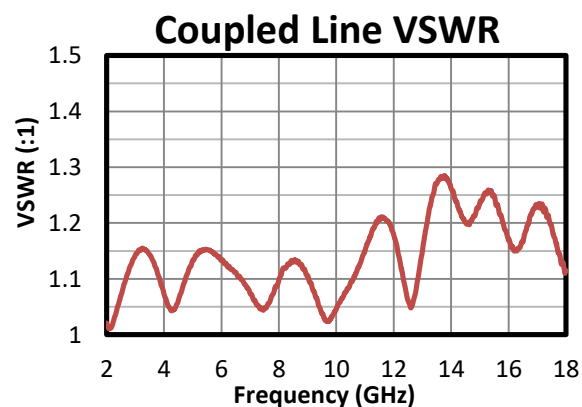
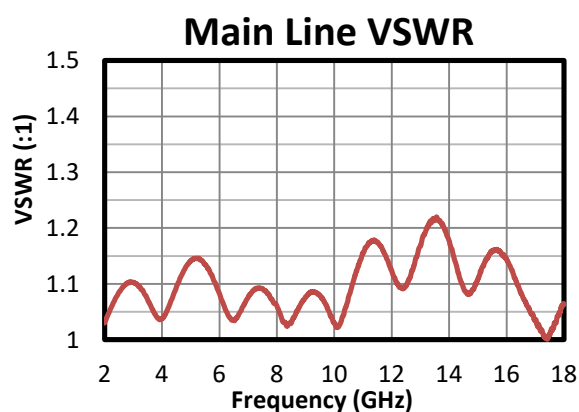
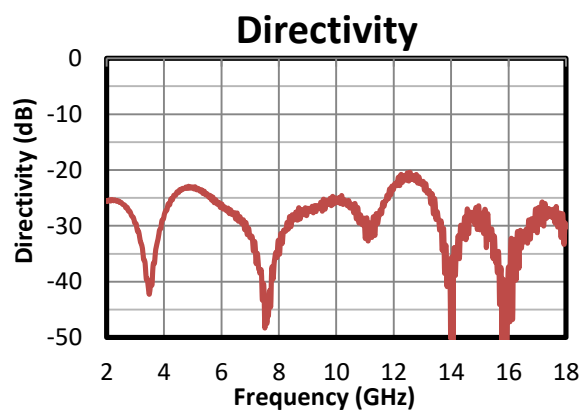
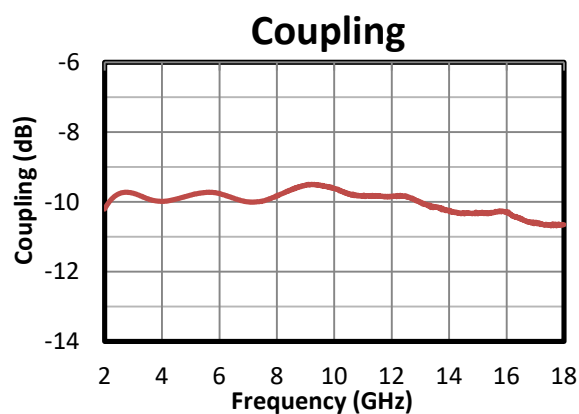
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

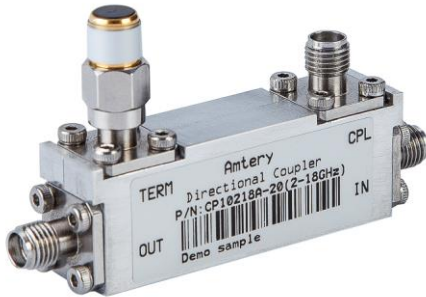
Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-52>

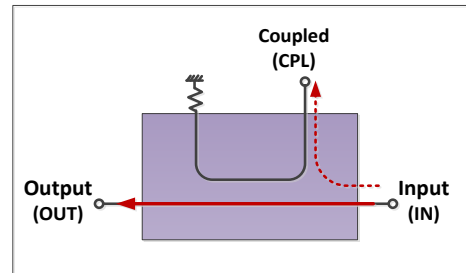
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

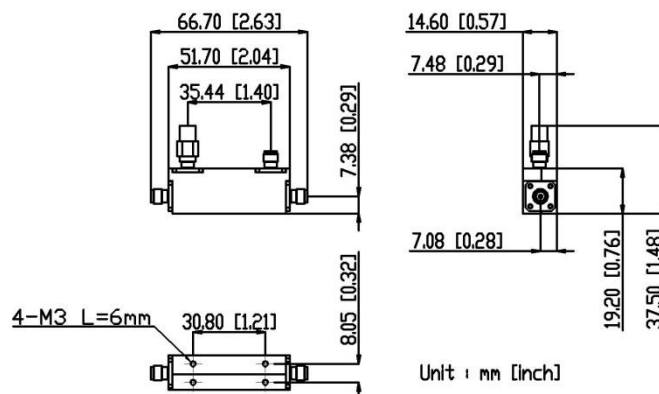


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	2 – 18	19.3	20	20.7
Coupling Flatness	dB	2 – 18		±0.4	±0.6
Directivity	dB	2 – 4	25	35	
		4 – 8	20	22	
		8 – 18	17	22	
Main Line VSWR	:1	2 – 8		1.10	1.20
		8 – 18			1.30
Coupled Line VSWR	:1	2 – 8		1.15	1.25
		8 – 18		1.25	1.35
Insertion Loss	dB	2 – 18		0.5	0.8
Average Power Handling	W	2 – 18			20

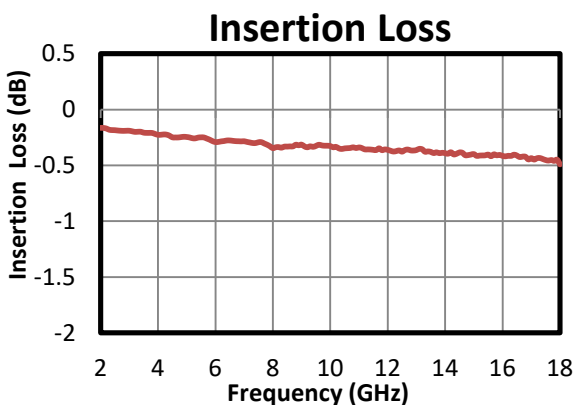
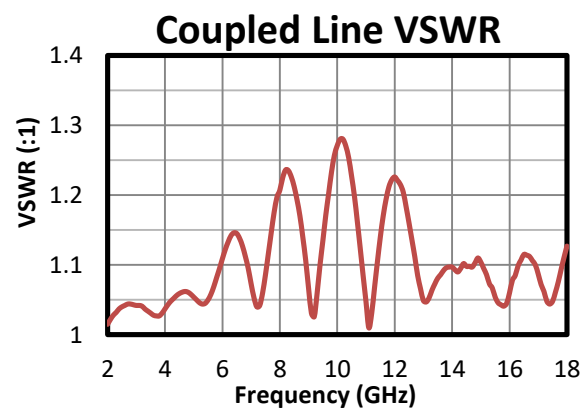
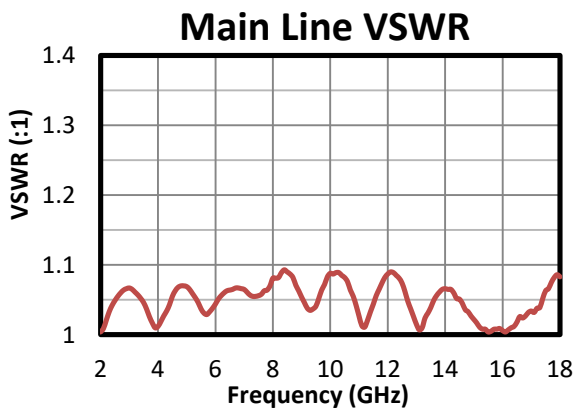
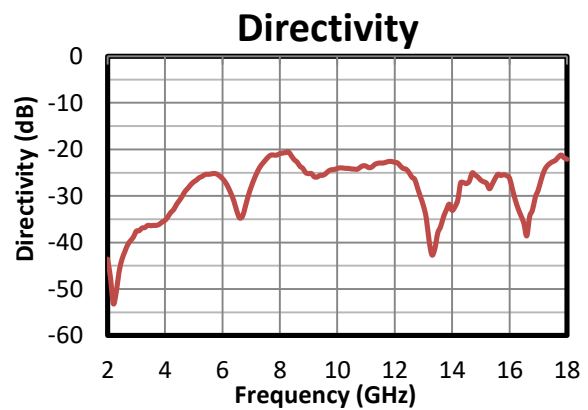
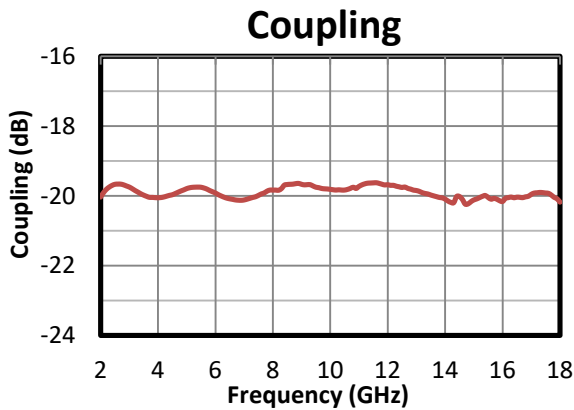
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



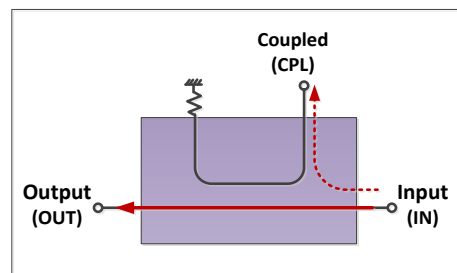
Typical performance S-parameter file: <https://www.amtery.com/en/goods-29>

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

Note: Specifications are subject to change without notice.



Electrical schematic



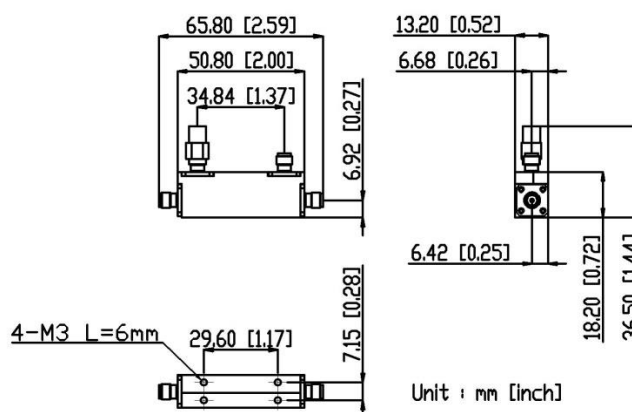
RoHS Compliant

Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	2 – 20	9	10	11
Coupling Flatness				±0.7	±0.9
Directivity			19	22	
Main Line VSWR	:1	2 – 8		1.15	1.25
		8 – 20		1.20	1.30
Coupled Line VSWR		2 – 8		1.20	1.25
		8 – 20		1.25	1.35
Insertion Loss (Including Coupling Loss)	dB	2 – 20		1.1	1.4
Average Power Handling	W	2 – 20			20

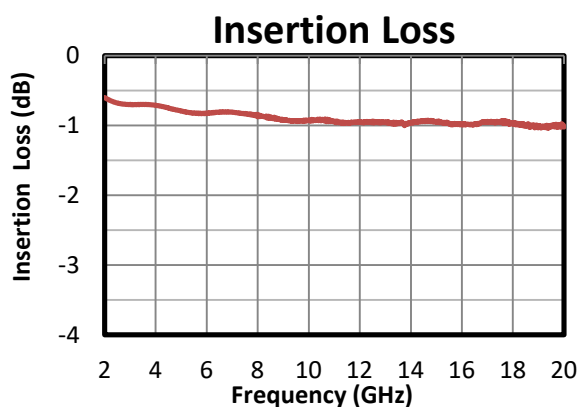
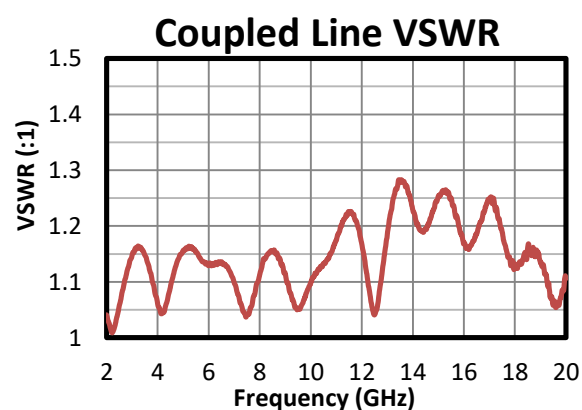
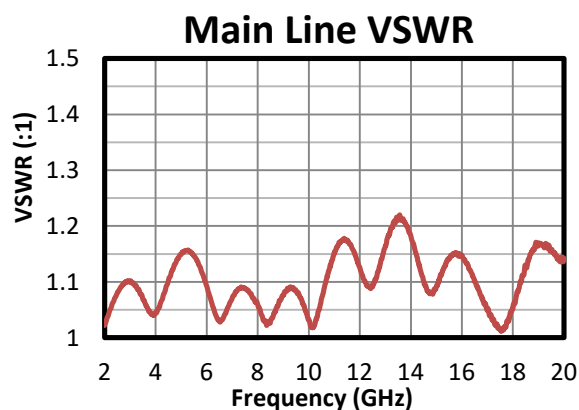
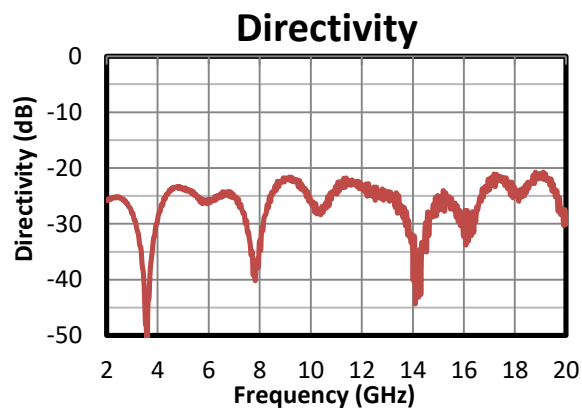
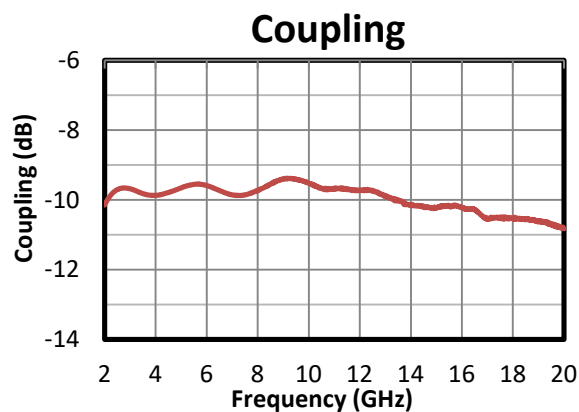
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

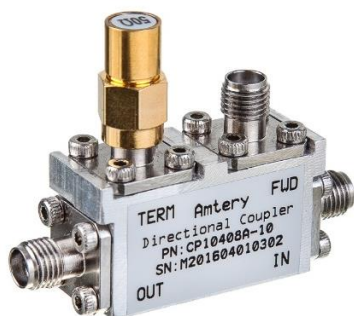
Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-57>

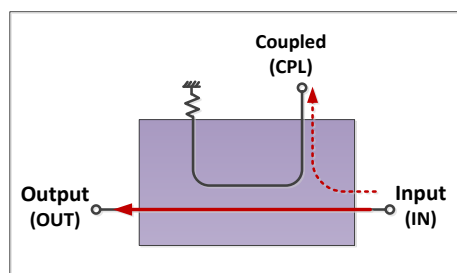
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

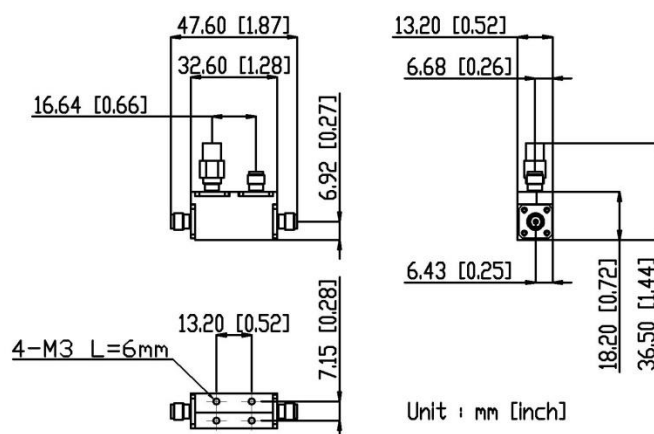


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	4 – 8	8.75	10	11.25
Coupling Flatness				±0.65	±0.75
Directivity			27	29	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.15	1.25
Insertion Loss (Excluding Coupling Loss)	dB			0.8	1.1
Average Power Handling	W				20

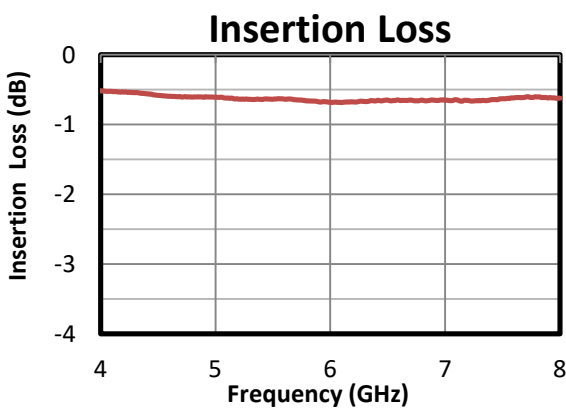
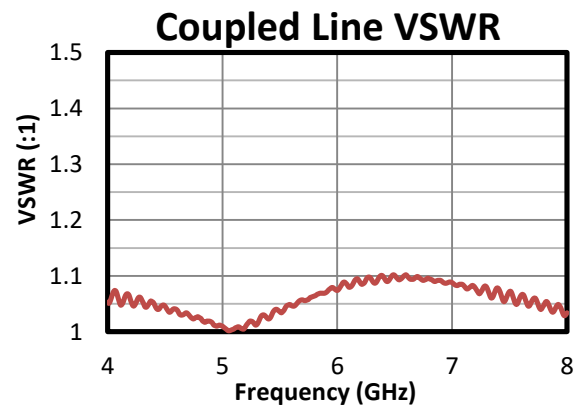
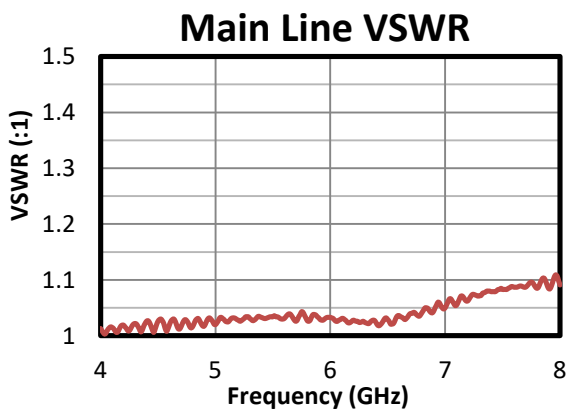
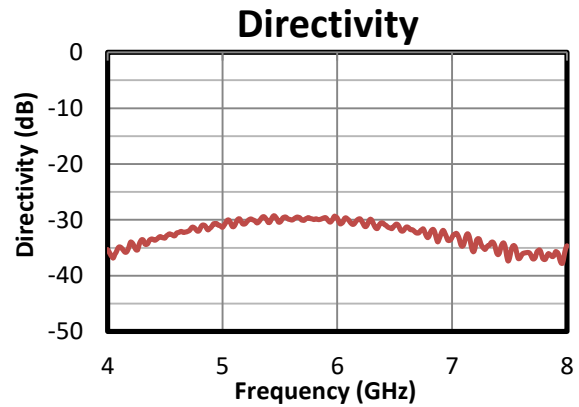
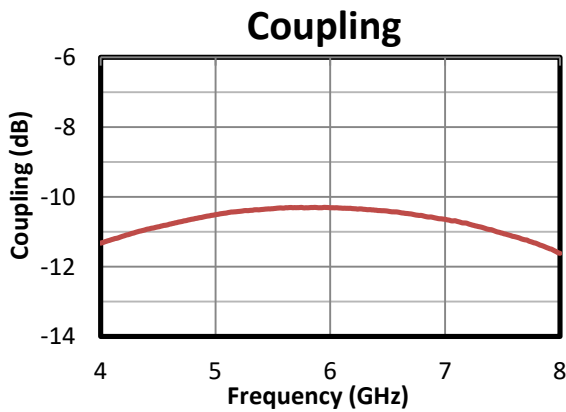
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

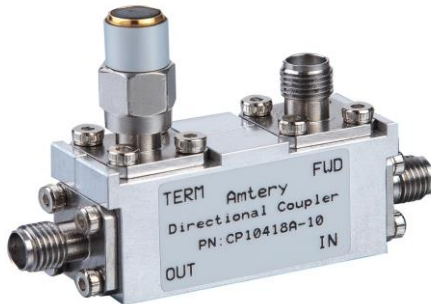
Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-55>

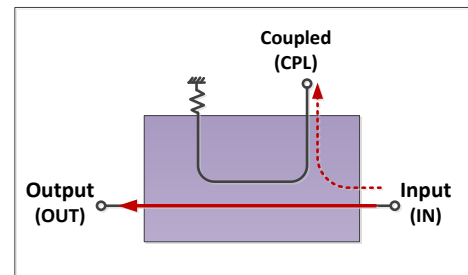
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

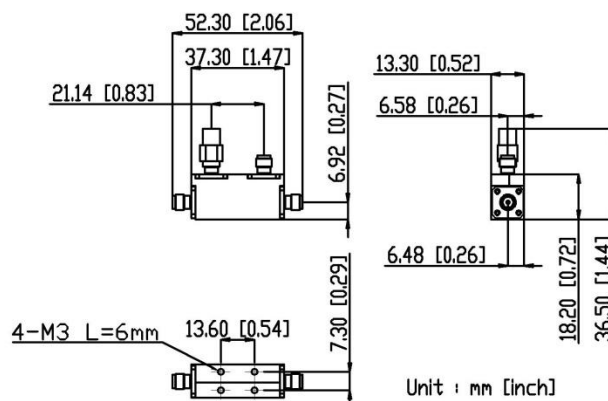


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	4 – 18	9	10	11
Coupling Flatness				±0.4	±0.6
Directivity		4 – 12 12 – 18	20 17	24 20	
Main Line VSWR	:1	4 – 12 12 – 18		1.15 1.20	1.25 1.30
Coupled Line VSWR		4 – 12 12 – 18		1.15 1.30	1.25 1.35
Insertion Loss (Including Coupling Loss)	dB	4 – 18		1.0	1.4
Average Power Handling	W	4 – 18			20

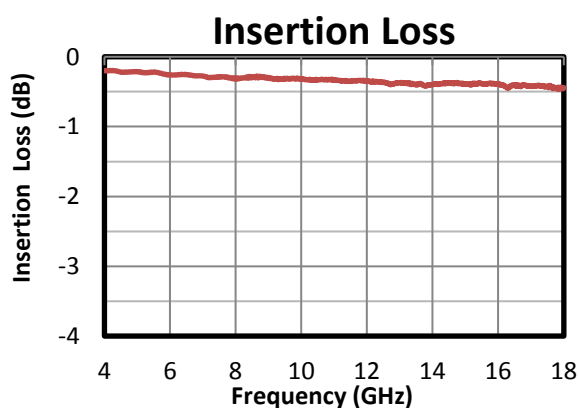
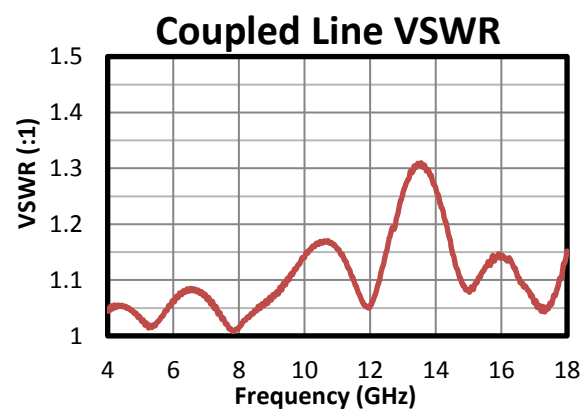
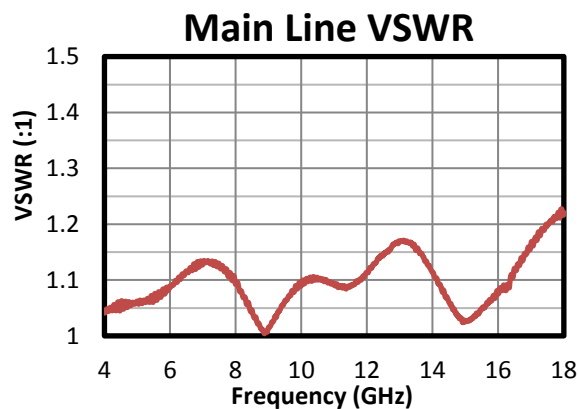
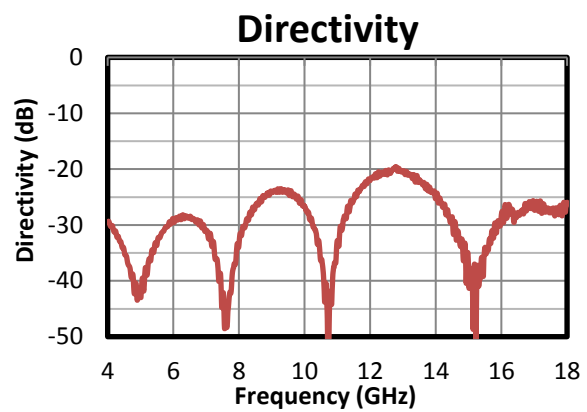
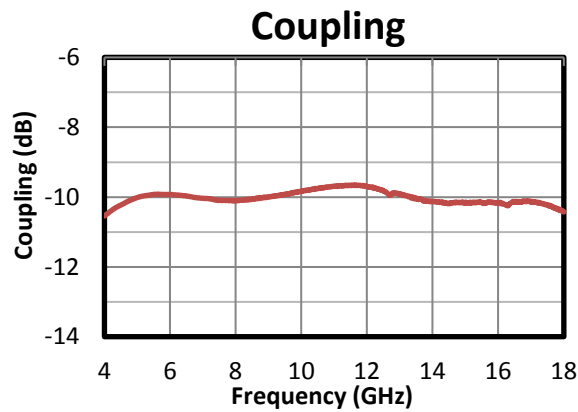
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-63>

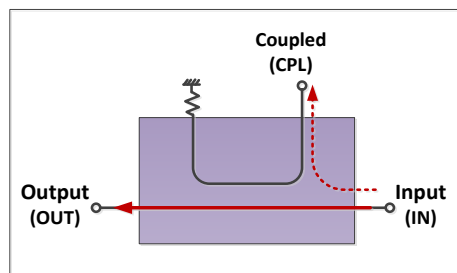
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

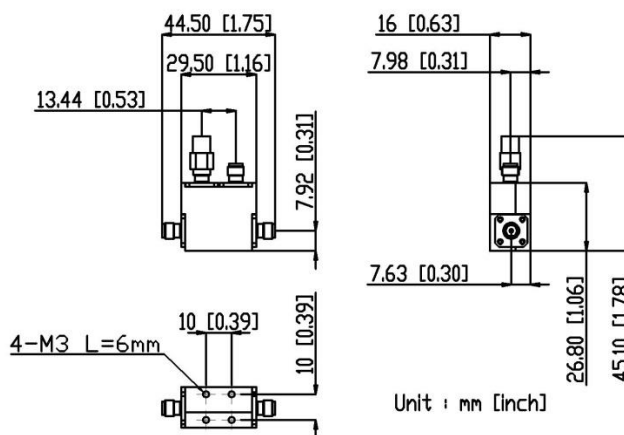


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling	dB	7 – 10	19.2	20	20.8
Coupling Flatness				±0.25	±0.3
Directivity			19	20	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.20	1.30
Insertion Loss (Excluding Coupling Loss)	dB			0.35	0.5
Average Power Handling	W				150

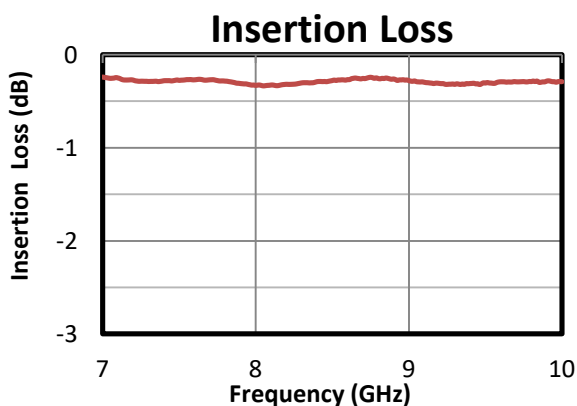
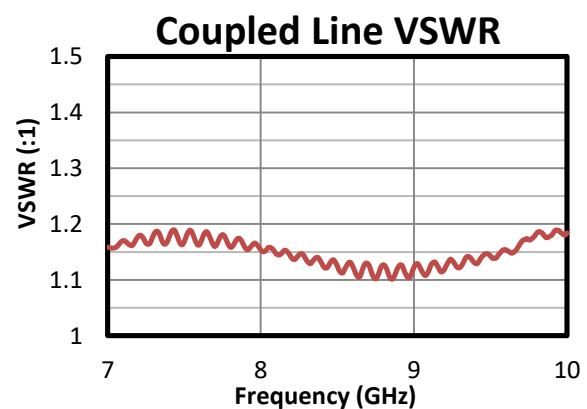
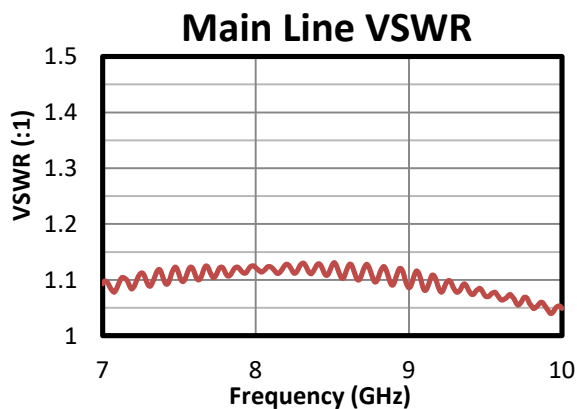
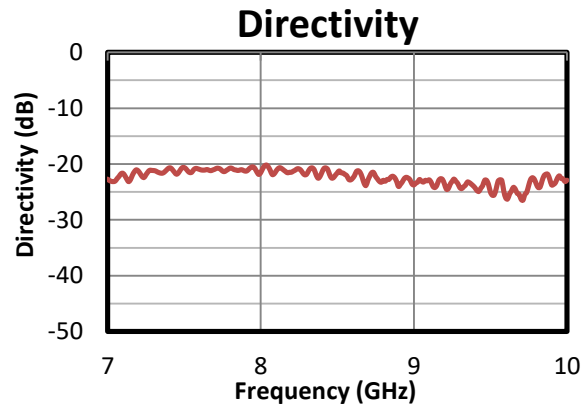
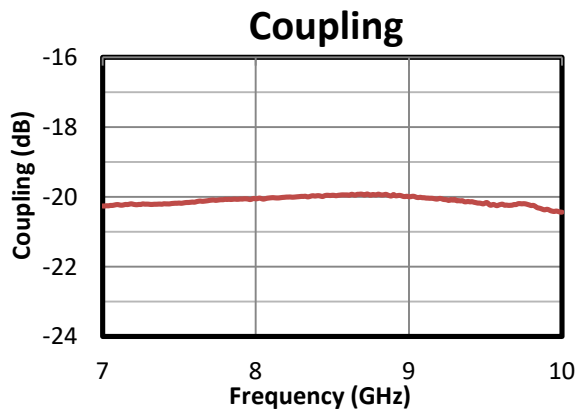
Operated in 50Ω system, 25°C environment.

Outline Drawing



Connectors: SMA Female

Typical Performance



Typical performance S-parameter file: <https://www.amtery.com/en/goods-67>

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

Note: Specifications are subject to change without notice.