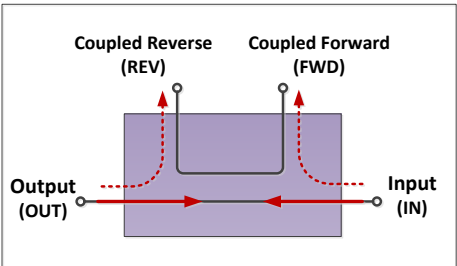




RoHS Compliant

Electrical schematic

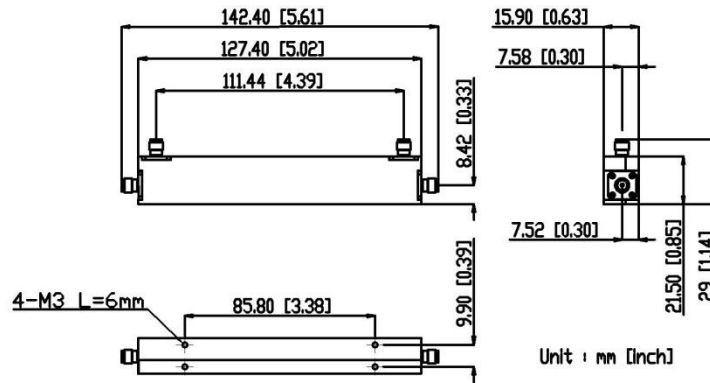


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.5 – 8	5.4	6.0	6.6
Coupling Flatness (Forward Direction)				±0.5	±0.7
Directivity (Forward Direction)			21	23	
Main Line VSWR	:1			1.20	1.27
Coupled Line VSWR				1.20	1.27
Insertion Loss (Including Coupling Loss)	dB			2.0	2.4
Nominal Coupling (Reverse Direction)			5.3	6.0	6.7
Coupling Flatness (Reverse Direction)				±0.6	±0.8
Directivity (Reverse Direction)			17	19	
Average Power Handling	W				

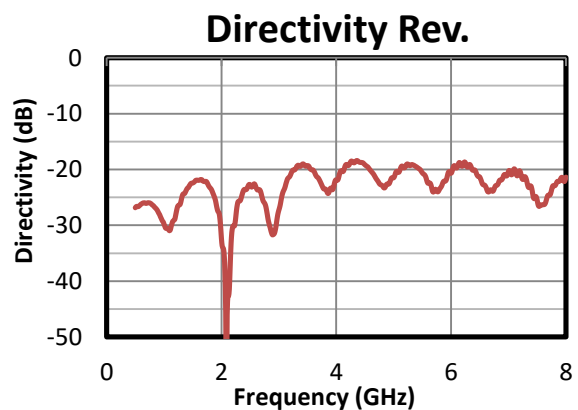
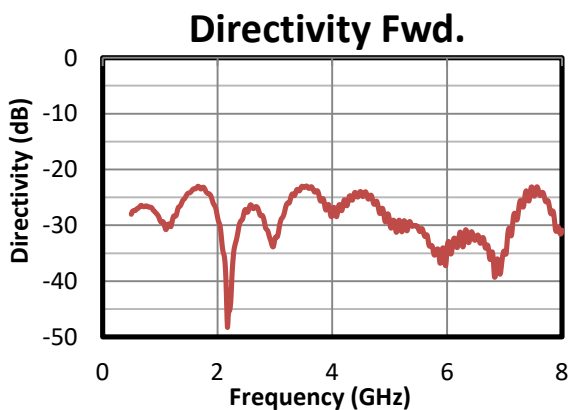
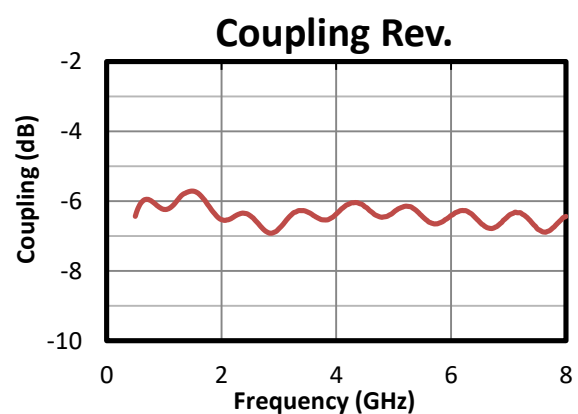
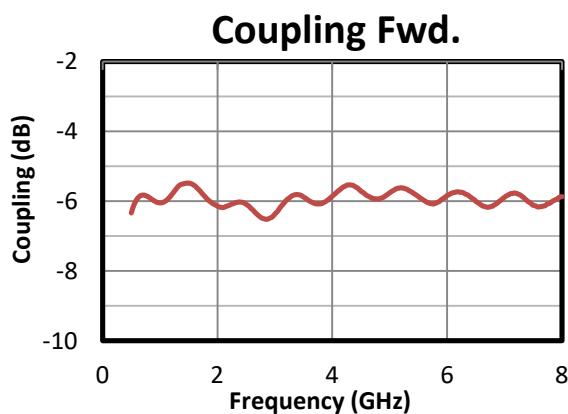
Operated in 50Ω system, 25°C environment.

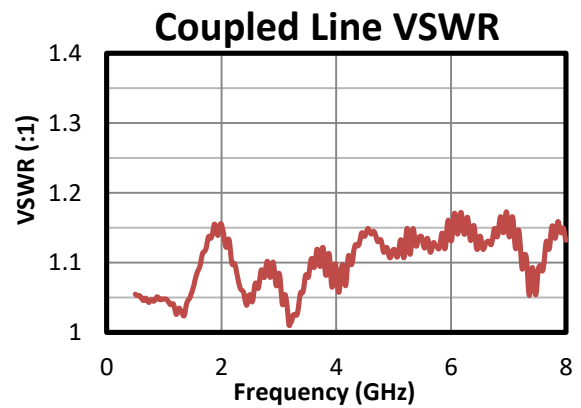
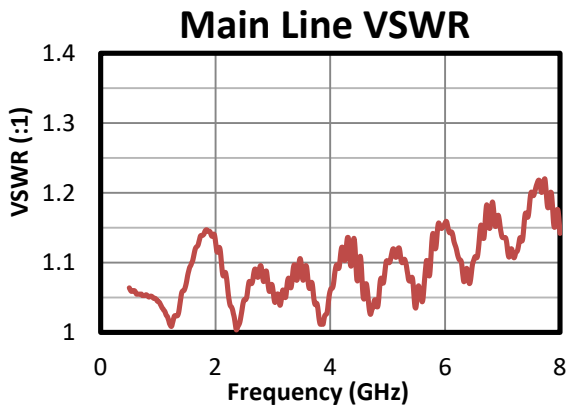
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-66>

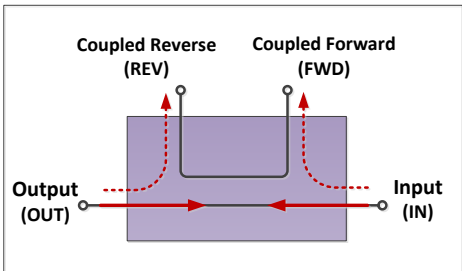
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

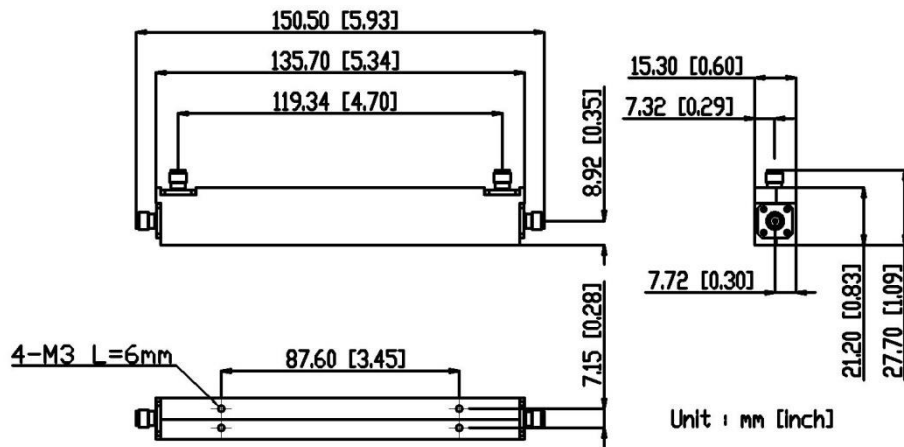


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (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 4 – 8	20 18	21 19	
Average Power Handling	W	0.5 – 8			20

Operated in 50Ω system, 25°C environment.

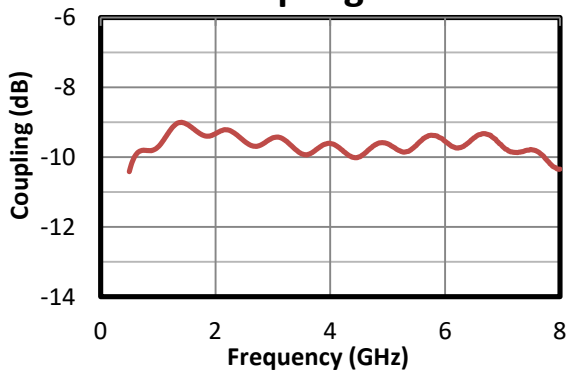
Outline Drawing



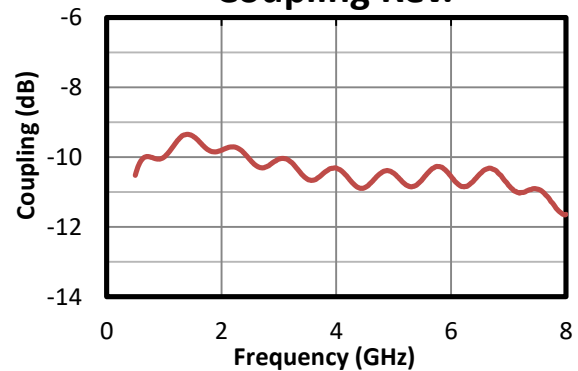
Connectors: SMA Female

Typical Performance

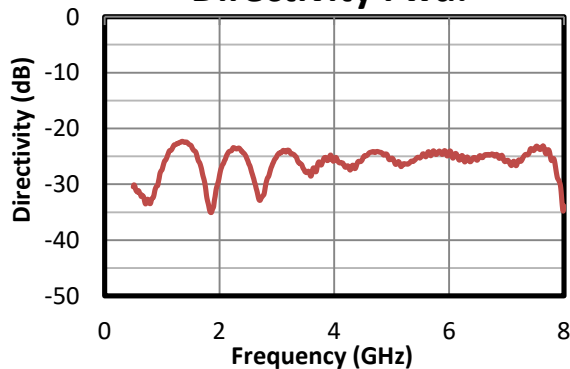
Coupling Fwd.



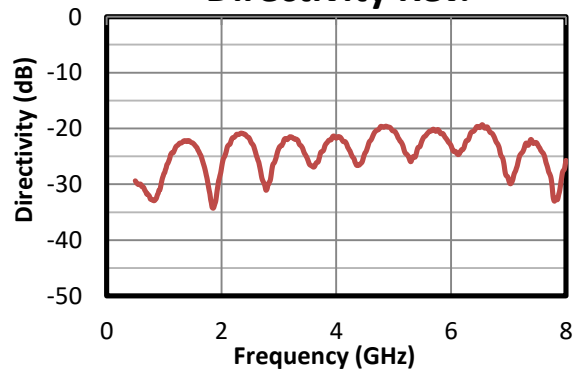
Coupling Rev.

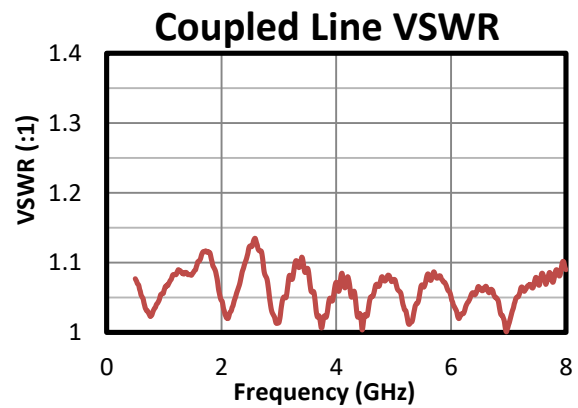
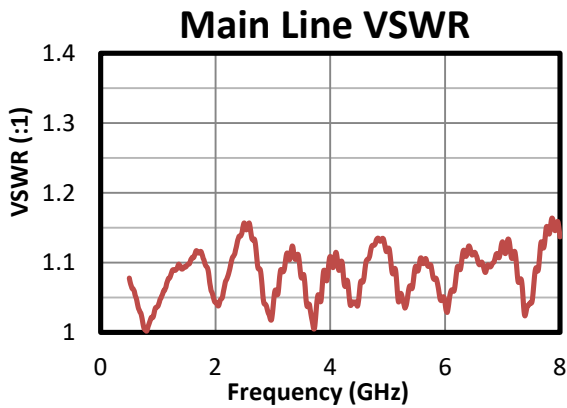


Directivity Fwd.



Directivity Rev.





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

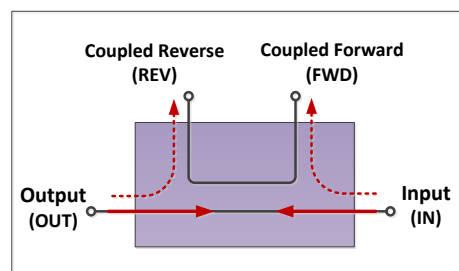
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

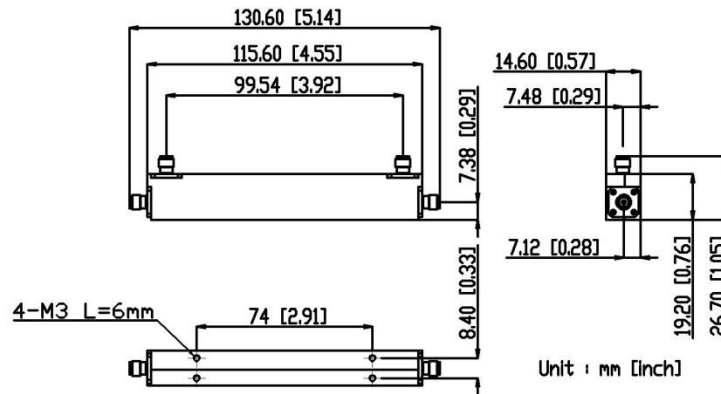


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.5 – 8	19	20	21
Coupling Flatness (Forward Direction)		0.5 – 8		±0.8	±1.2
Directivity (Forward Direction)		0.5 – 4 4 – 8	25 22	29 28	
Main Line VSWR	:1	0.5 – 4 4 – 8		1.07 1.10	1.15 1.20
Coupled Line VSWR		0.5 – 4 4 – 8		1.07 1.10	1.15 1.25
Insertion Loss	dB	0.5 – 8		0.6	0.8
Nominal Coupling (Reverse Direction)		0.5 – 8	19.3	20.3	21.3
Coupling Flatness (Reverse Direction)		0.5 – 8		±1.1	±1.5
Directivity (Reverse Direction)		0.5 – 4 4 – 6 6 – 8	24 22 20	28 28 26	
Average Power Handling	W	0.5 – 8			20

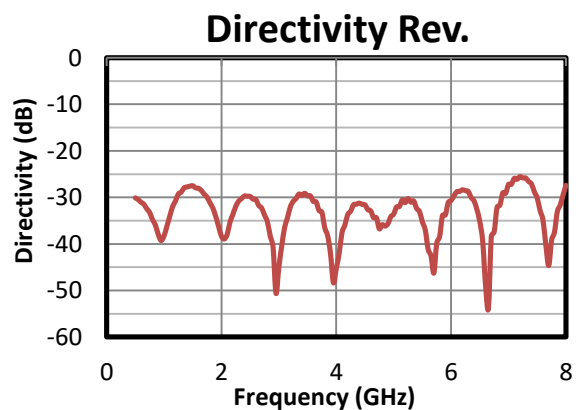
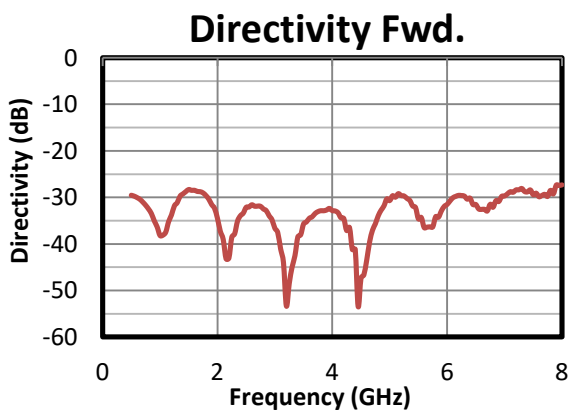
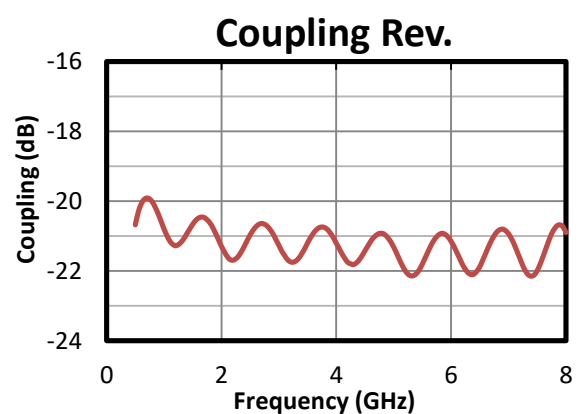
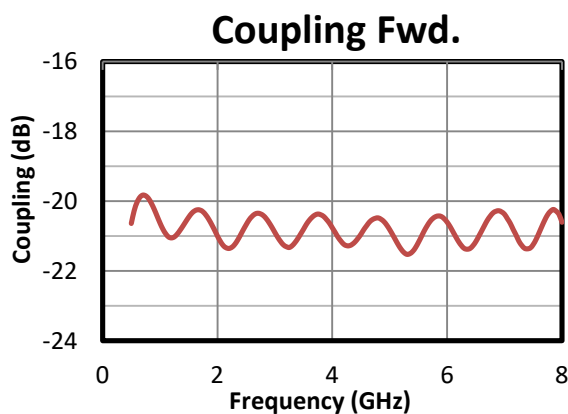
Operated in 50Ω system, 25°C environment.

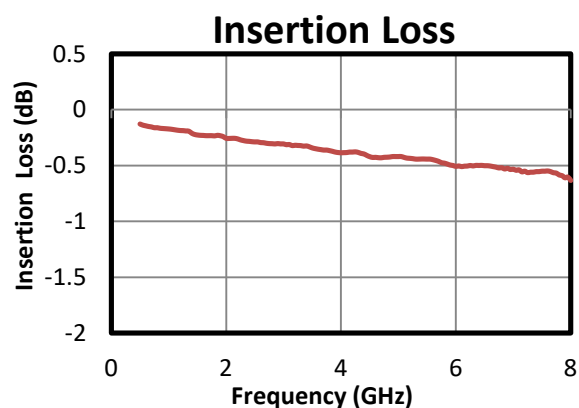
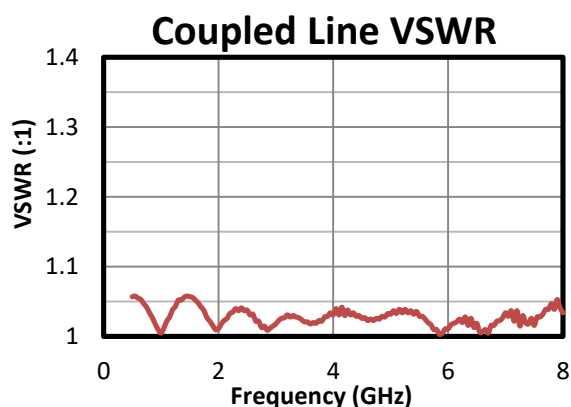
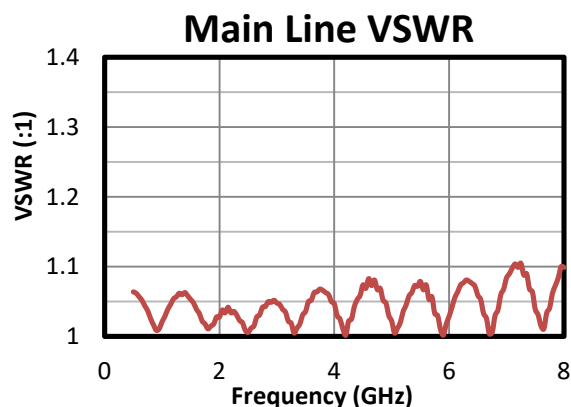
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-30>

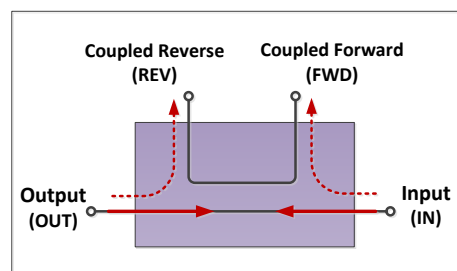
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

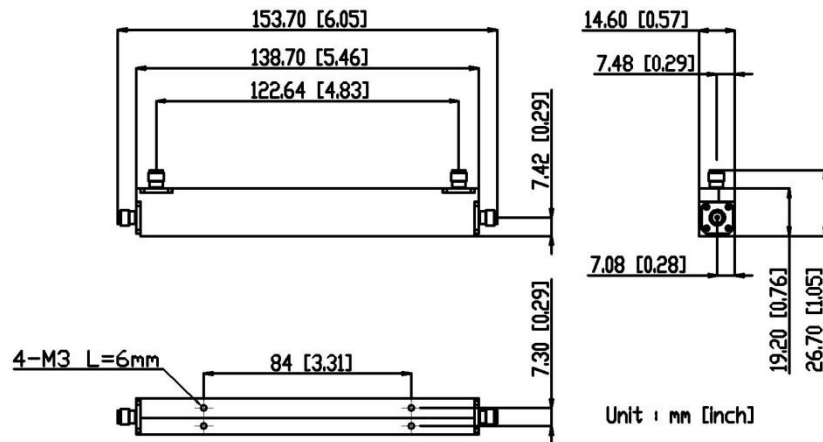


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (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 8 – 18	21 18	25 22	
Insertion Loss		0.5 – 18		1.3	1.6
Main Line VSWR	:1	0.5 – 8 8 – 18		1.10 1.20	1.15 1.30
Coupled Line VSWR		0.5 – 8 8 – 18		1.10 1.20	1.25 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 8 – 18	19 16	24 20	
Average Power Handling	W	0.5 – 18			20

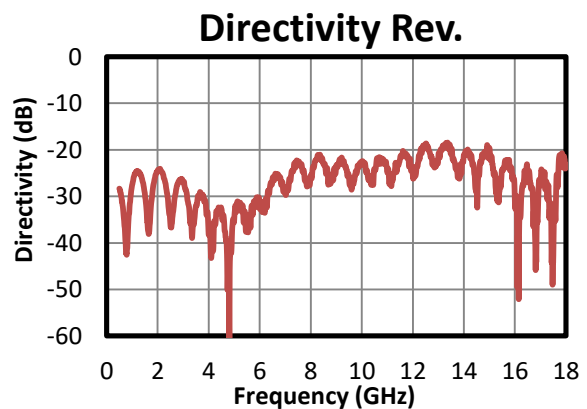
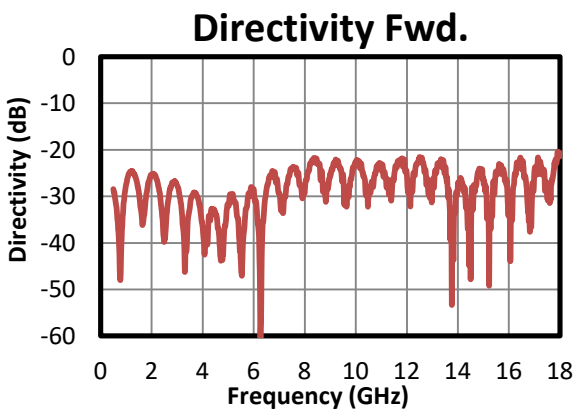
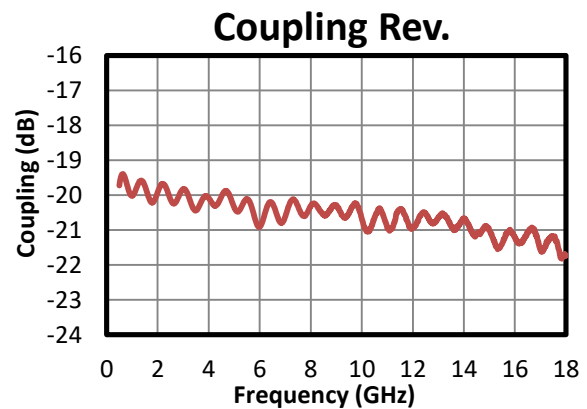
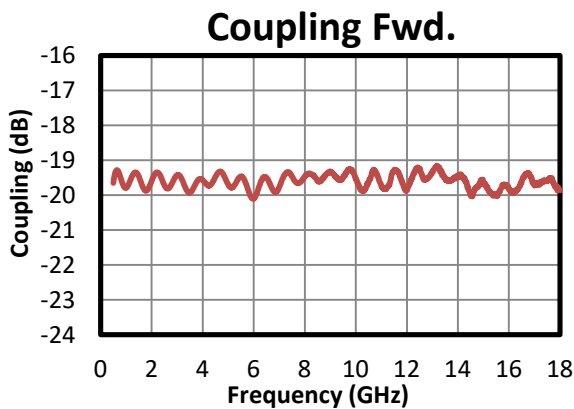
Operated in 50Ω system, 25°C environment.

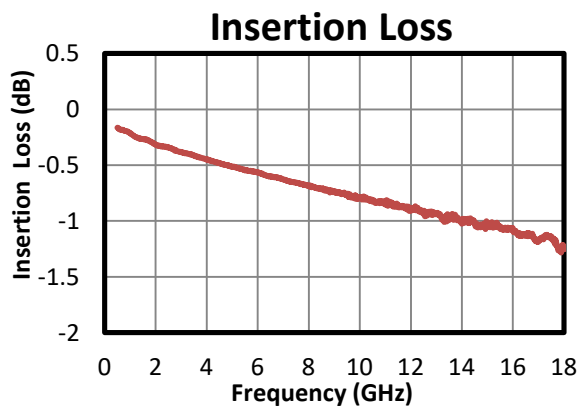
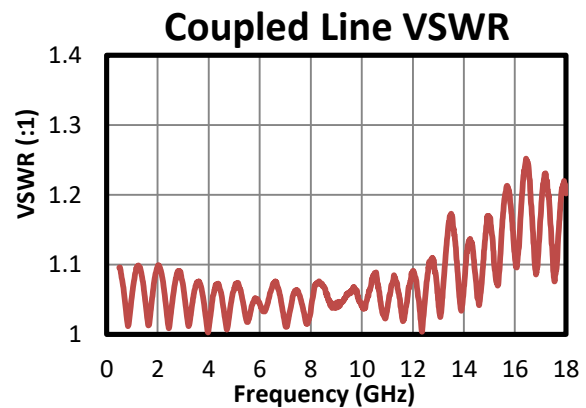
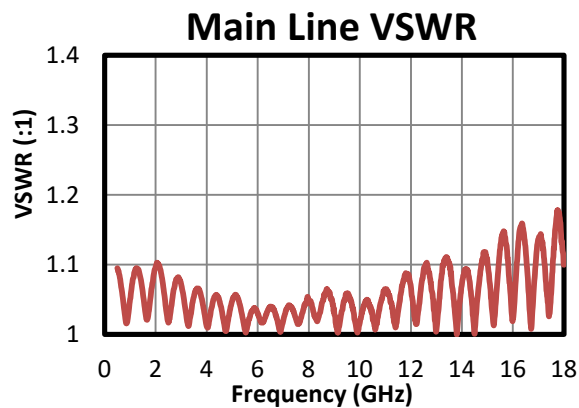
Outline Drawing



Connectors: SMA Female

Typical Performance





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

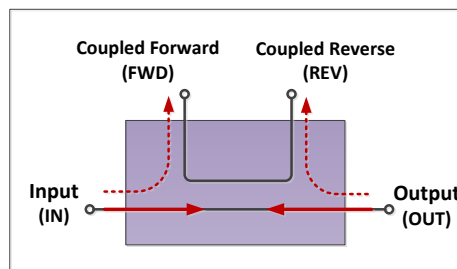
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

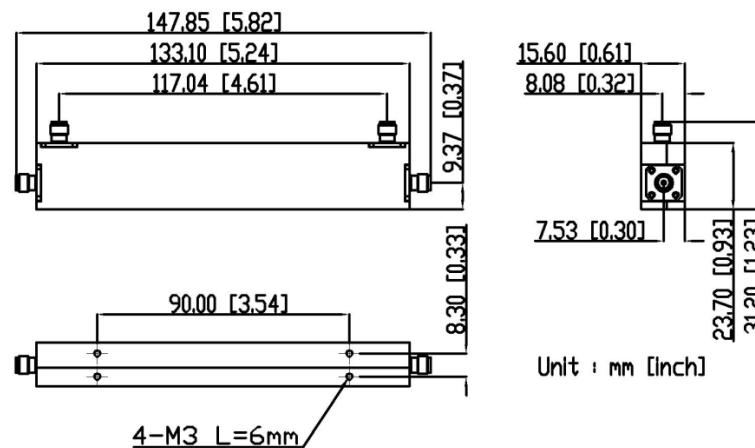


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.5 – 18	19	20	21
Coupling Flatness (Forward Direction)		0.5 – 18		±0.9	±1.3
Directivity (Forward Direction)		0.5 – 8	13	18	
		8 – 12	13	18	
		12 – 16	11	15	
		16 – 18	11	14	
Insertion Loss	0.5 – 18		1.1	1.3	
Main Line VSWR	:1	0.5 – 8		1.20	1.35
		8 – 18		1.35	1.45
Coupled Line VSWR		0.5 – 8		1.30	1.40
		8 – 18		1.45	1.55
Nominal Coupling (Reverse Direction)	dB	0.5 – 18	18	19	20
Coupling Flatness (Reverse Direction)				±1.3	±1.7
Directivity (Reverse Direction)		0.5 – 8	13	18	
		8 – 12	11.5	18	
		12 – 16	11	12	
		16 – 18	8	10	
Average Power Handling	W	0.5 – 18			50
Peak Power	W				2000

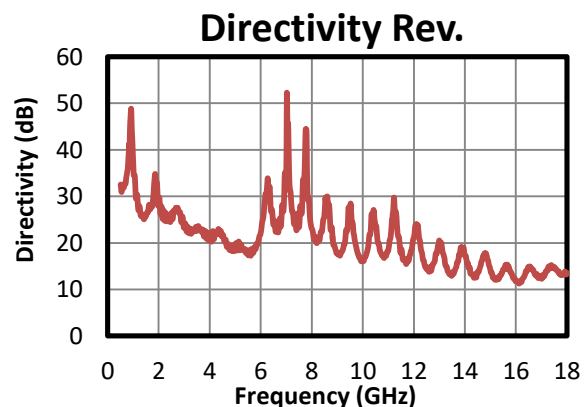
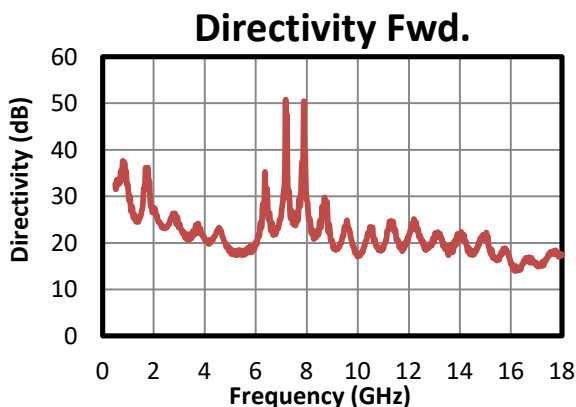
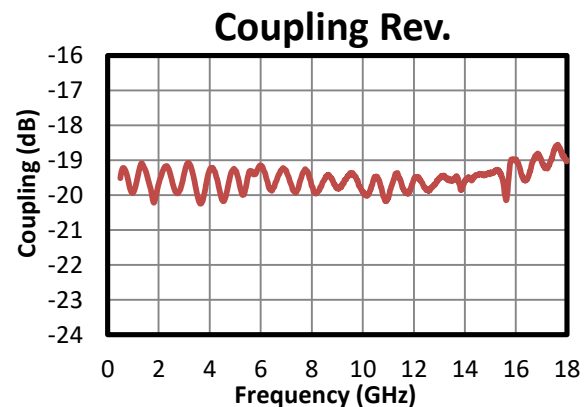
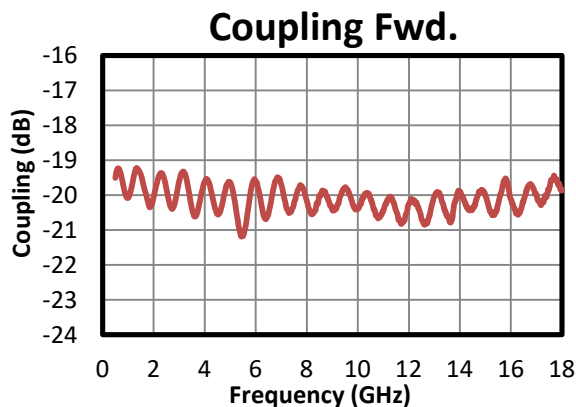
Operated in 50Ω system, 20°C to 40°C environment.

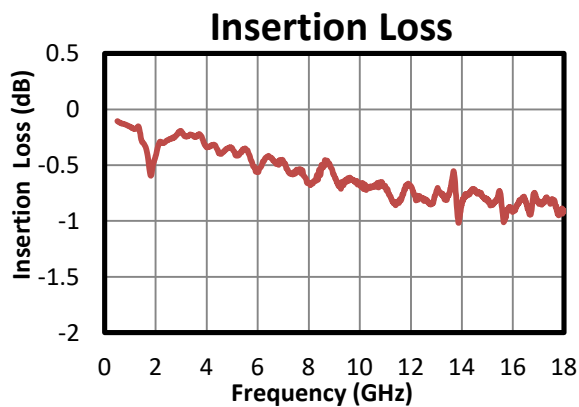
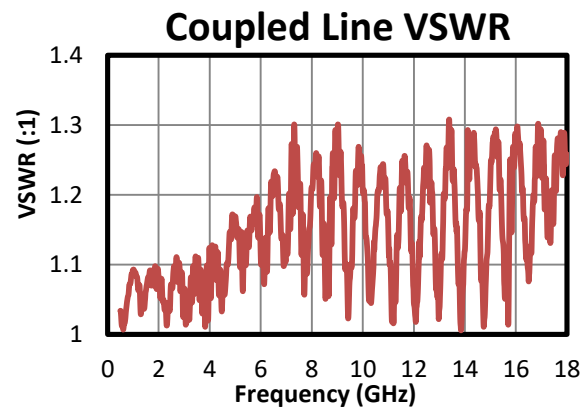
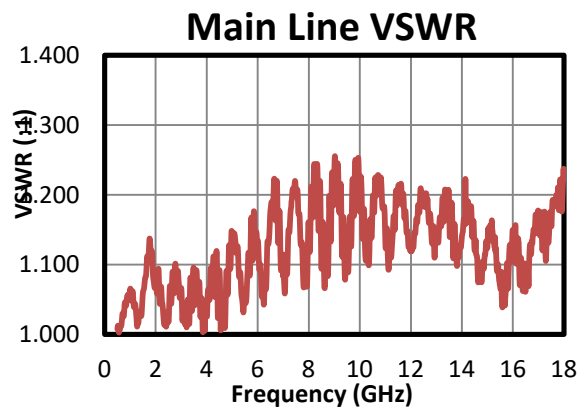
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-78>

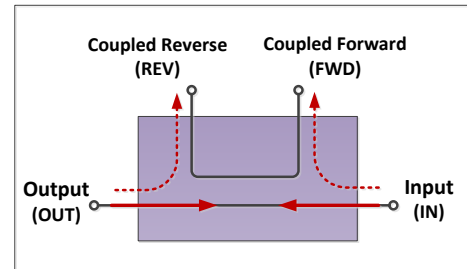
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

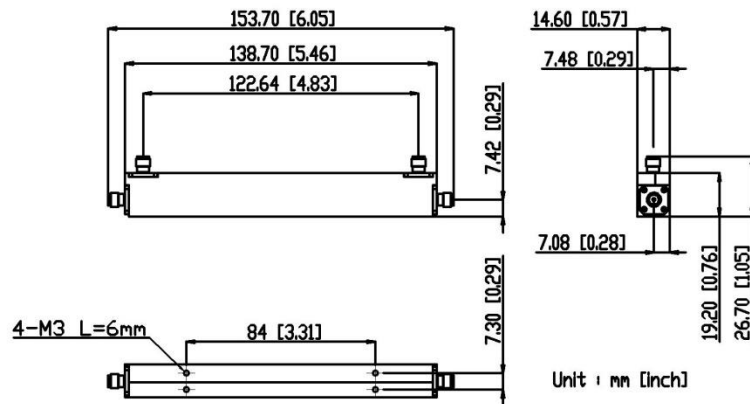


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (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
		18 – 20		1.30	1.40
Coupled Line VSWR		0.5 – 18		1.25	1.35
		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

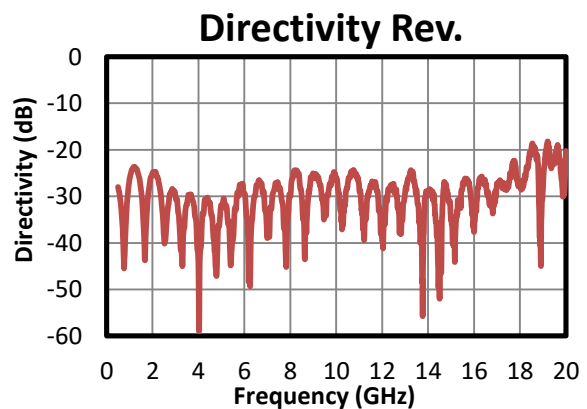
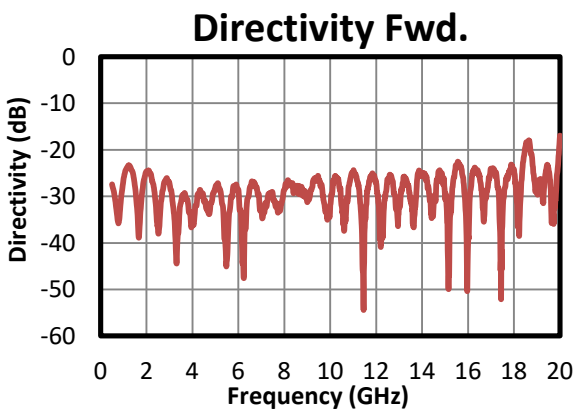
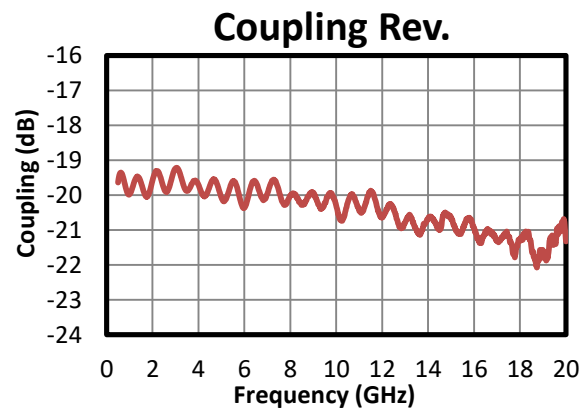
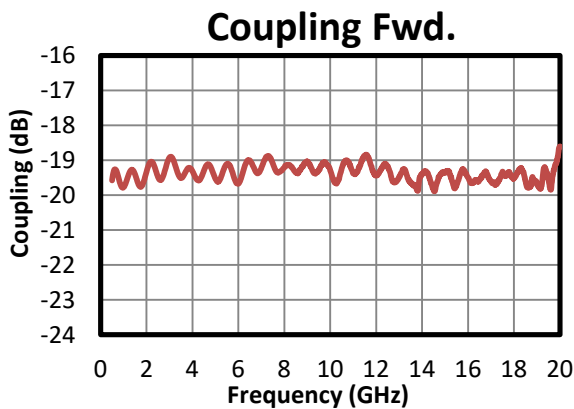
Operated in 50Ω system, 25°C environment.

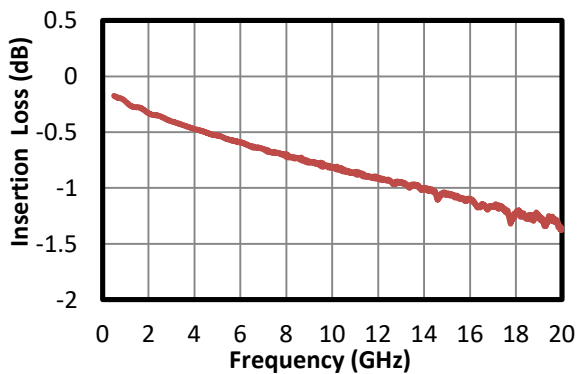
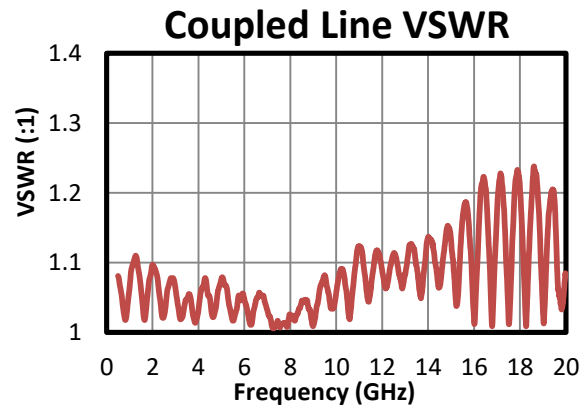
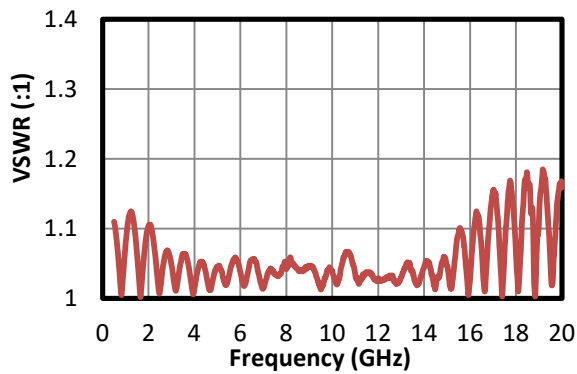
Outline Drawing



Connectors: SMA Female

Typical Performance





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

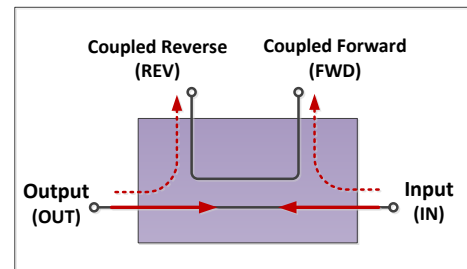
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

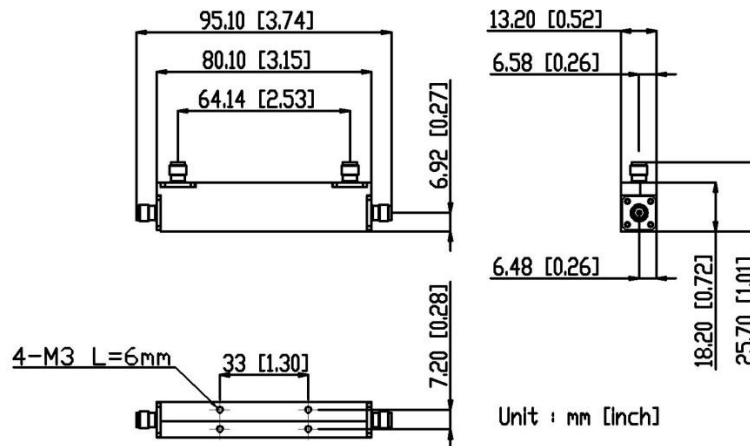


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	1 – 18	9	10	11
Coupling Flatness (Forward Direction)				±0.6	±0.9
Directivity (Forward Direction)			20	23	
Main Line VSWR	:1	1 – 8		1.15	1.25
		8 – 18		1.15	1.30
Coupled Line VSWR		1 – 8		1.15	1.25
		8 – 18		1.25	1.35
Insertion Loss (Including Coupling Loss)	dB	1 – 18		1.5	1.8
Nominal Coupling (Reverse Direction)			9.5	10.4	11.3
Coupling Flatness (Reverse Direction)				±1.1	±1.3
Directivity (Reverse Direction)		1 – 8	18	20	
		8 – 18	16	19	
Average Power Handling	W	1 – 18			20

Operated in 50Ω system, 25°C environment.

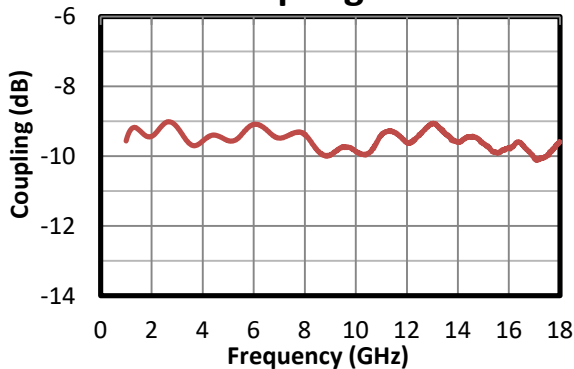
Outline Drawing



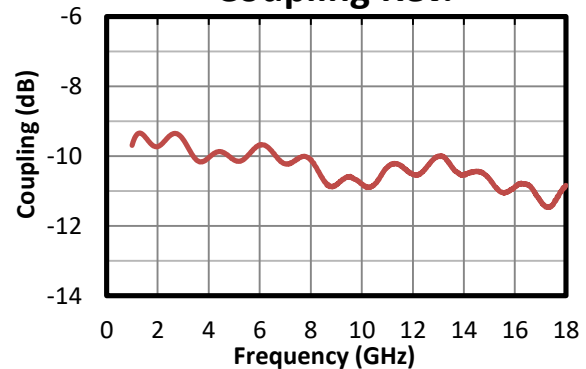
Connectors: SMA Female

Typical Performance

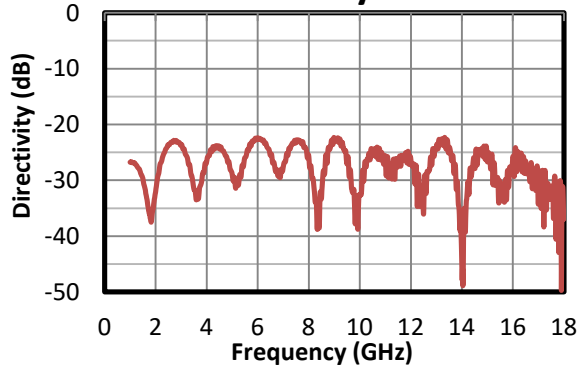
Coupling Fwd.



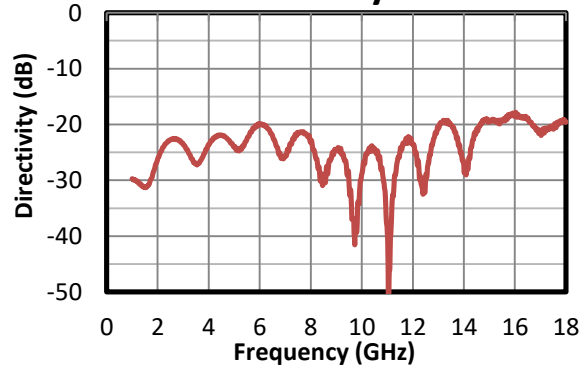
Coupling Rev.

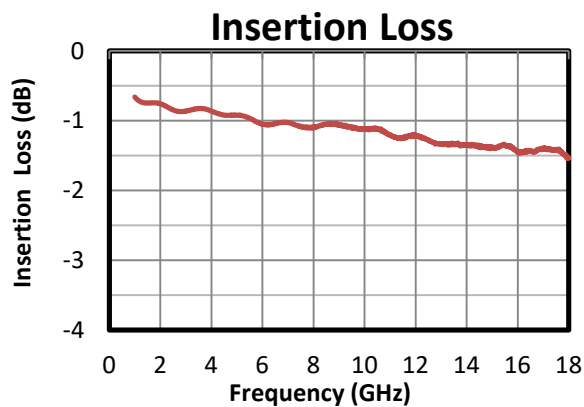
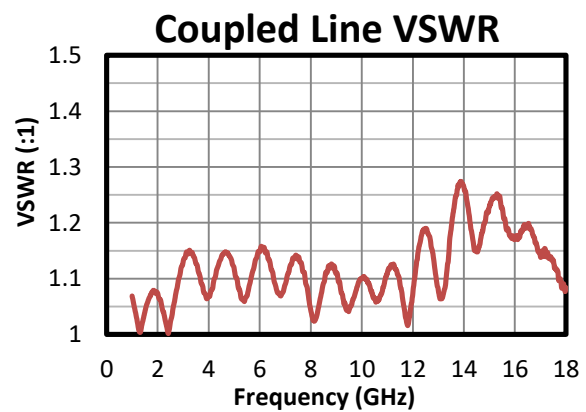
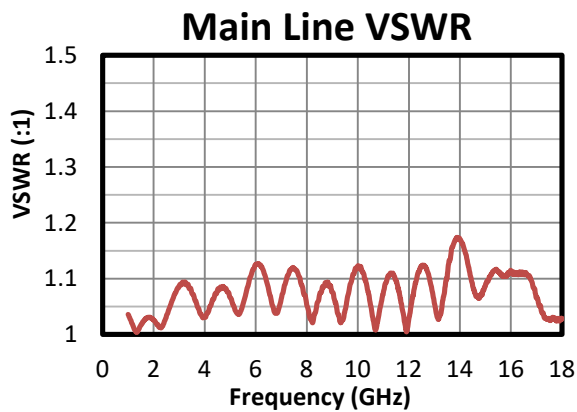


Directivity Fwd.



Directivity Rev.





Typical performance S-parameter file: <https://www.amtery.com/en/goods-53>

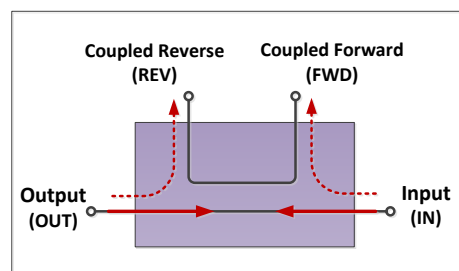
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

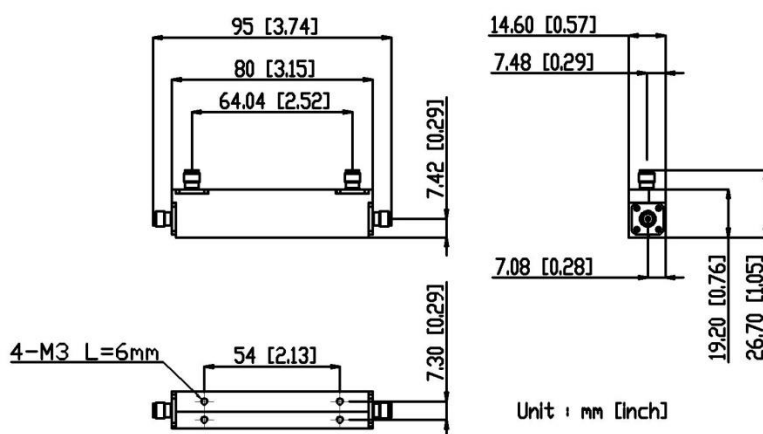


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	1 – 18	19.3	20	20.7
Coupling Flatness (Forward Direction)	dB	1 – 18		±0.5	±0.8
Directivity (Forward Direction)	dB	1 – 4	25	31	
		4 – 8	20	28	
		8 – 18	17	23	
Main Line VSWR	:1	1 – 8		1.10	1.15
		8 – 18			1.25
Coupled Line VSWR	:1	1 – 8		1.10	1.25
		8 – 18		1.15	1.35
Insertion Loss	dB	1 – 18		0.7	0.9
Nominal Coupling (Reverse Direction)	dB	1 – 18	19.5	20.2	20.9
Coupling Flatness (Reverse Direction)	dB	1 – 18		±0.7	±1.1
Directivity (Reverse Direction)	dB	1 – 4	24	31	
		4 – 8	20	22	
		8 – 18	16	22	
Average Power Handling	W	1 – 18			20

Operated in 50Ω system, 25°C environment.

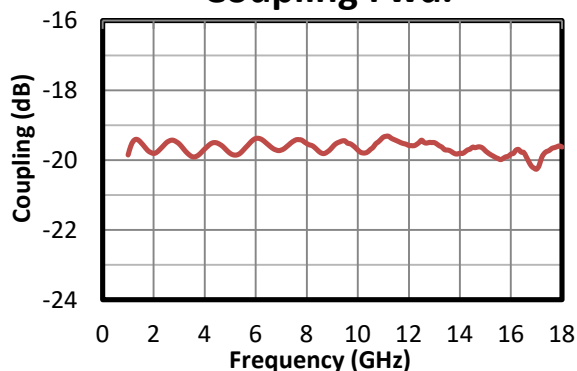
Outline Drawing



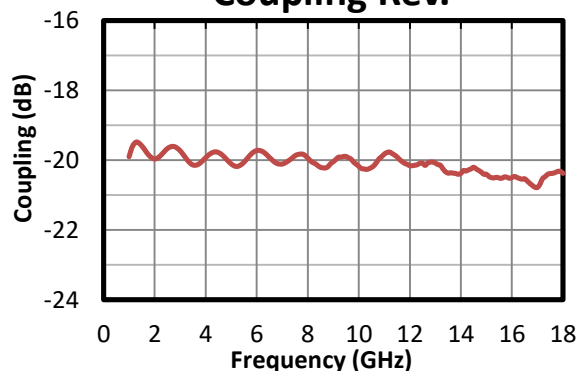
Connectors: SMA Female

Typical Performance

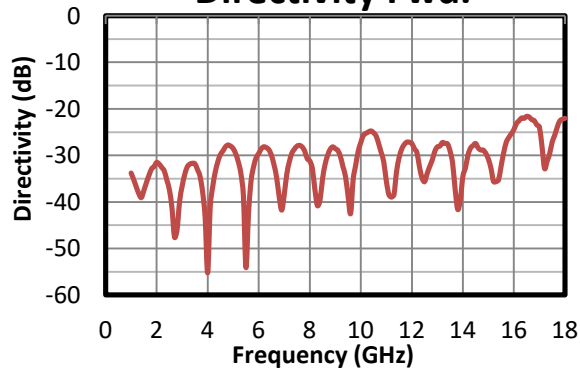
Coupling Fwd.



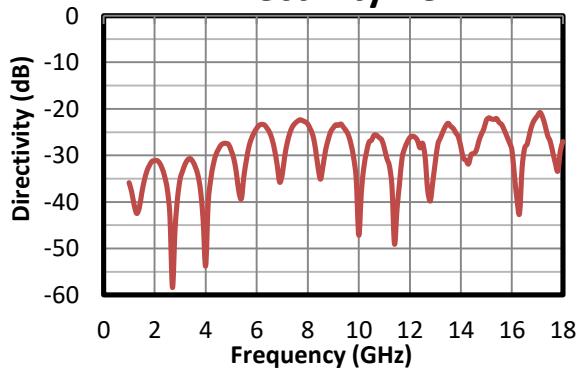
Coupling Rev.

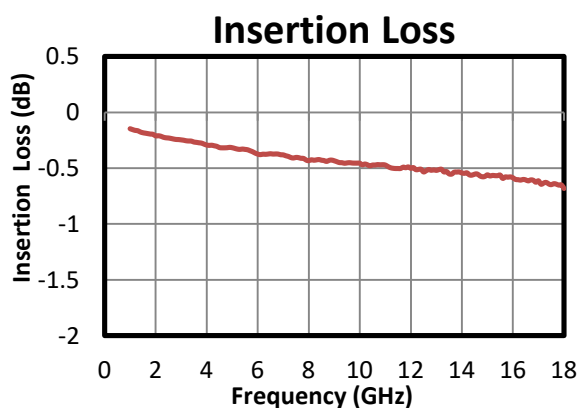
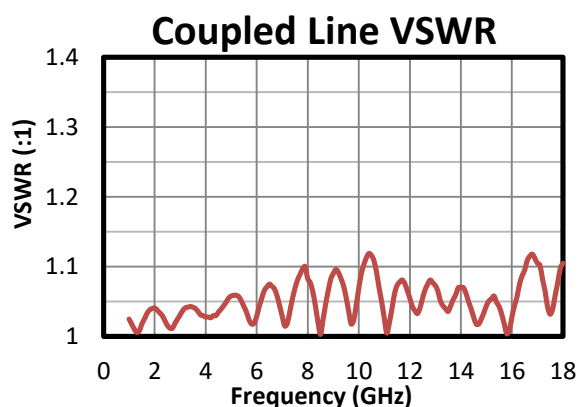
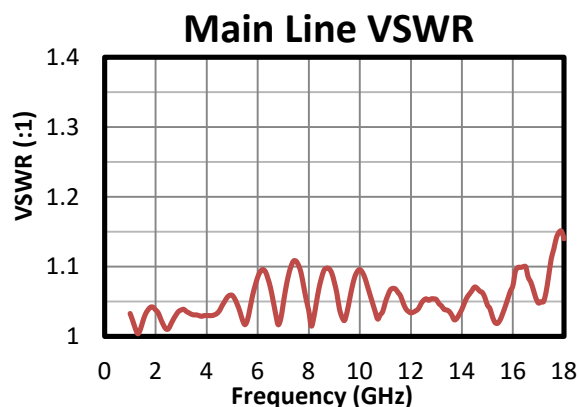


Directivity Fwd.



Directivity Rev.

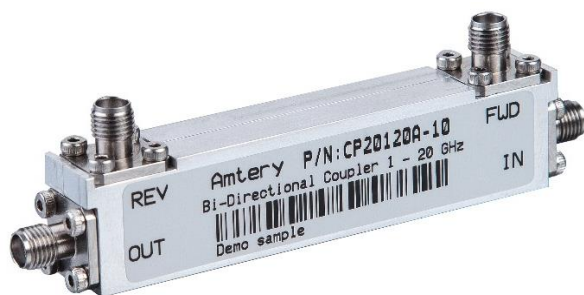




Typical performance S-parameter file: <https://www.amtery.com/en/goods-31>

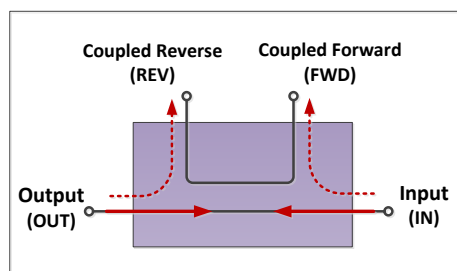
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

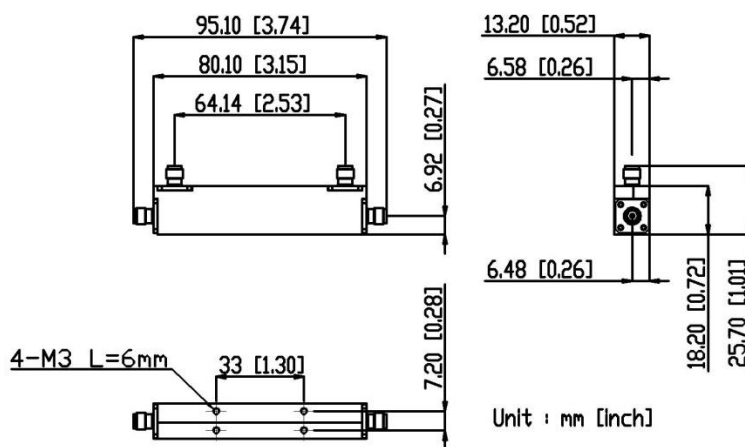


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	1 – 20	9	10	11
Coupling Flatness (Forward Direction)				±0.6	±0.9
Directivity (Forward Direction)			19	23	
Main Line VSWR	:1	1 – 8		1.15	1.25
		8 – 20		1.15	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		1.7	1.9
Nominal Coupling (Reverse Direction)			9.5	10.4	11.3
Coupling Flatness (Reverse Direction)				±1.1	±1.3
Directivity (Reverse Direction)		1 – 8	18	20	
		8 – 20	16	19	
Average Power Handling	W	1 – 20			20

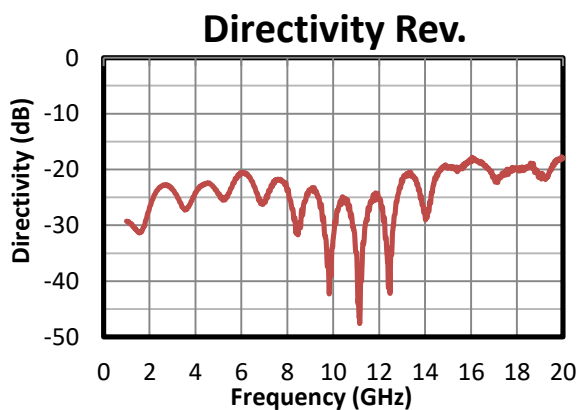
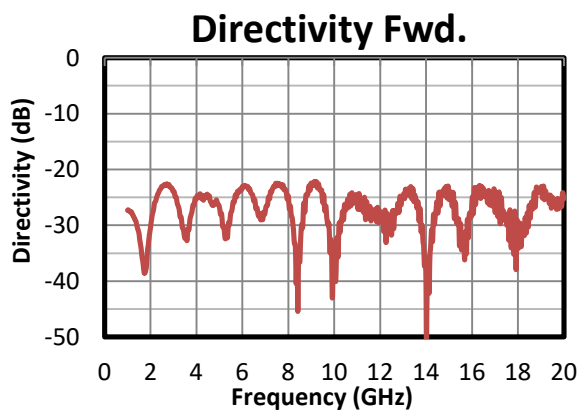
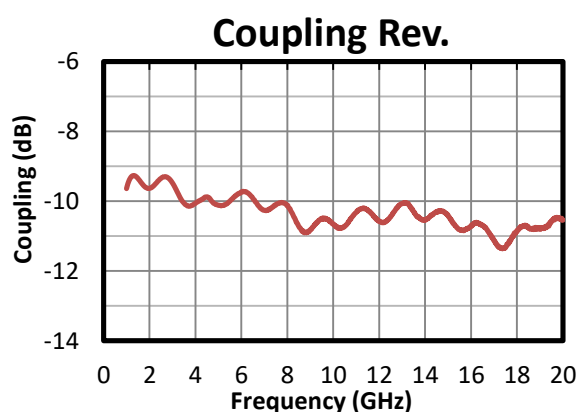
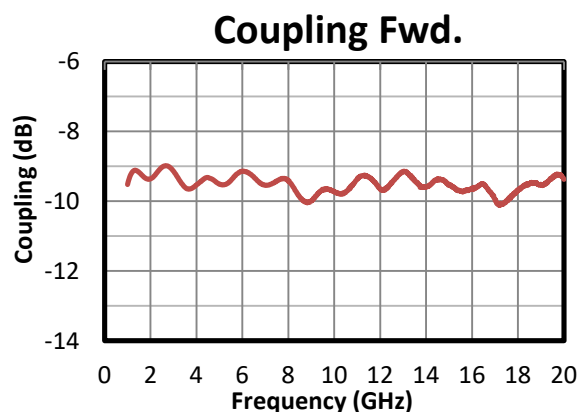
Operated in 50Ω system, 25°C environment.

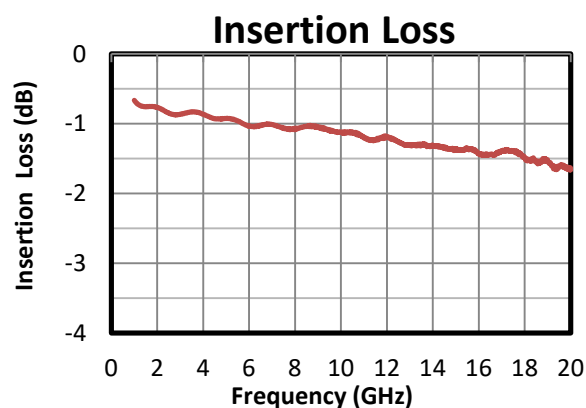
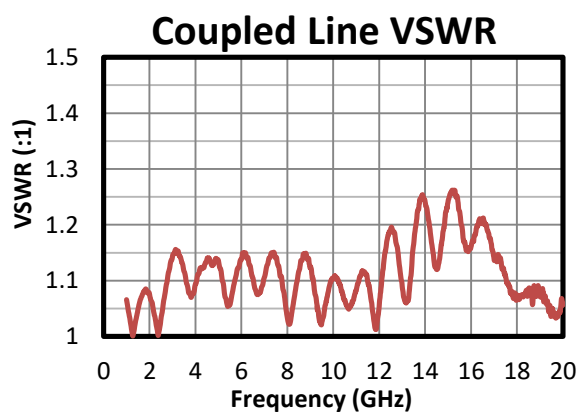
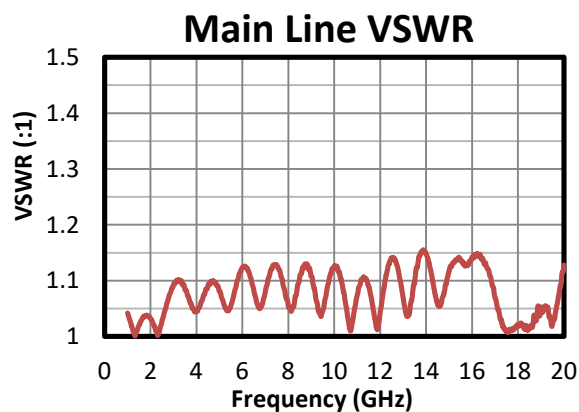
Outline Drawing



Connectors: SMA Female

Typical Performance

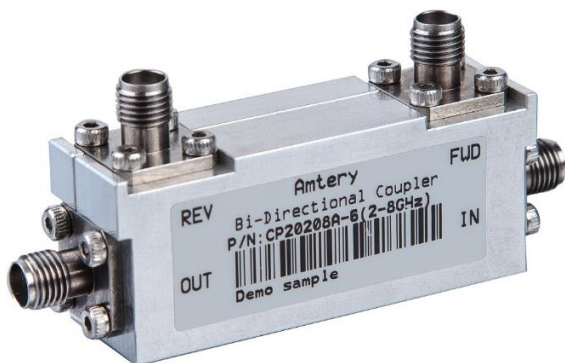




Typical performance S-parameter file: <https://www.amtery.com/en/goods-60>

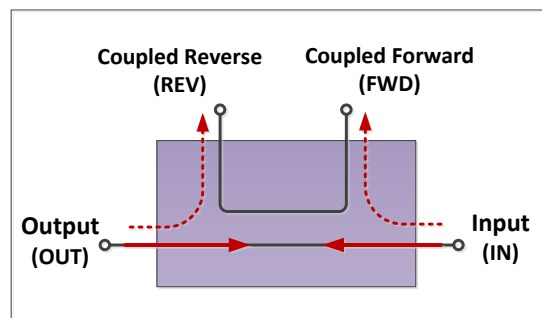
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

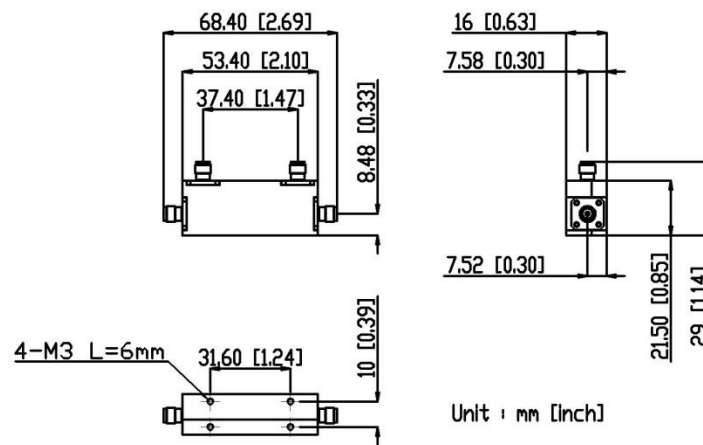


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	2 – 8	5.3	6	6.7
Coupling Flatness (Forward Direction)				±0.2	±0.3
Directivity (Forward Direction)			21	23	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.20	1.25
Insertion Loss (Including Coupling Loss)	dB			1.7	2.1
Nominal Coupling (Reverse Direction)			5.4	6.1	6.8
Coupling Flatness (Reverse Direction)				±0.2	±0.4
Directivity (Reverse Direction)			18	20	
Average Power Handling	W				

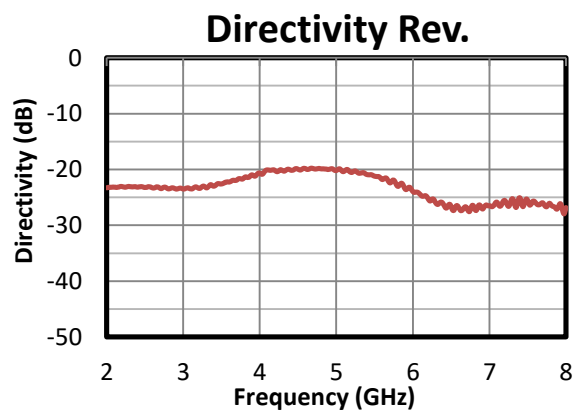
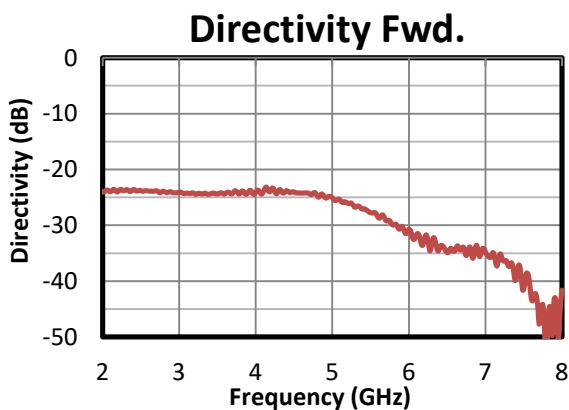
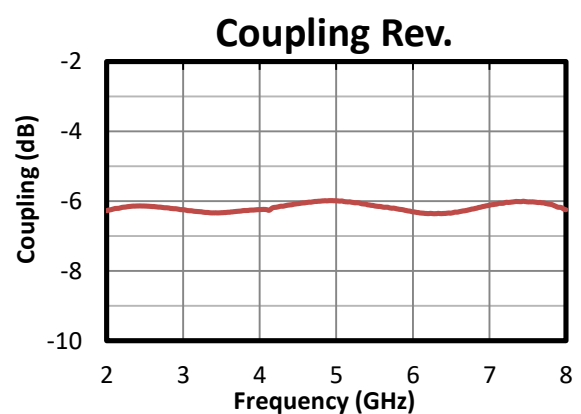
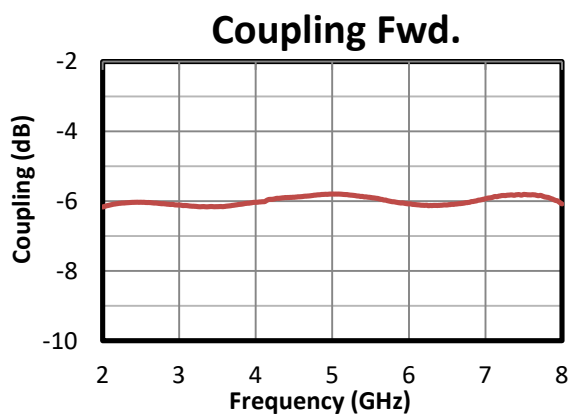
Operated in 50Ω system, 25°C environment.

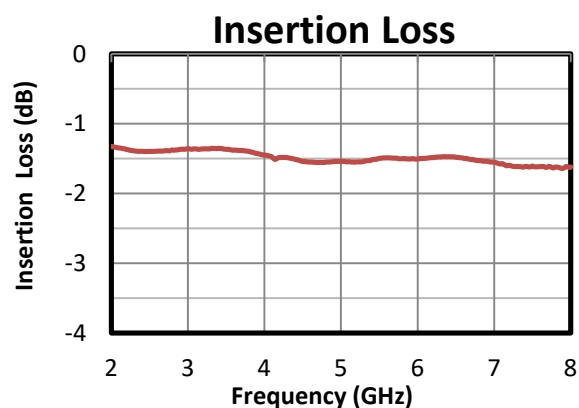
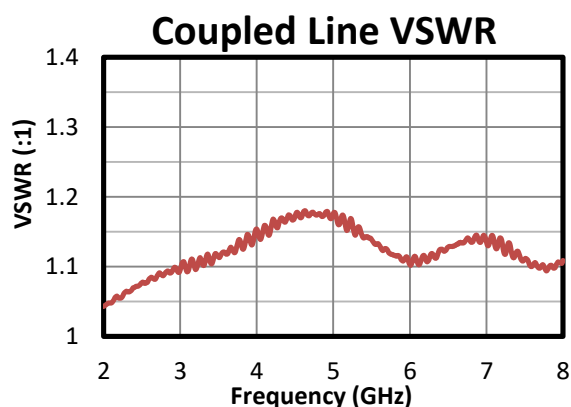
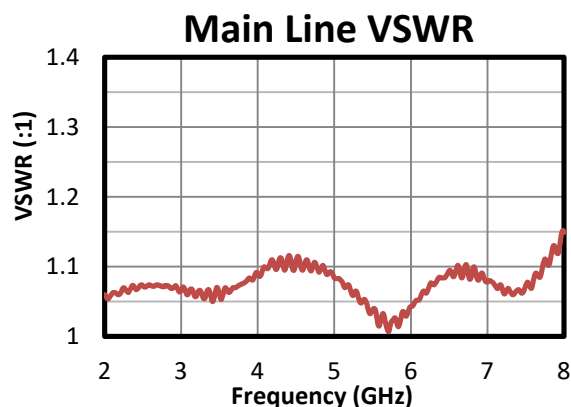
Outline Drawing



Connectors: SMA Female

Typical Performance

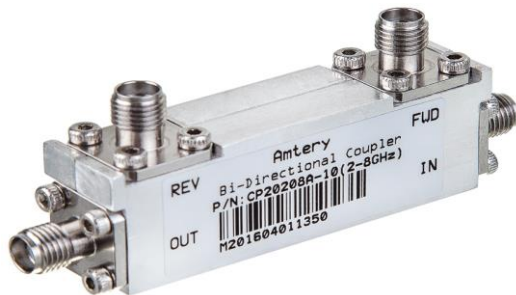




Typical performance S-parameter file: <https://www.amtery.com/en/goods-50>

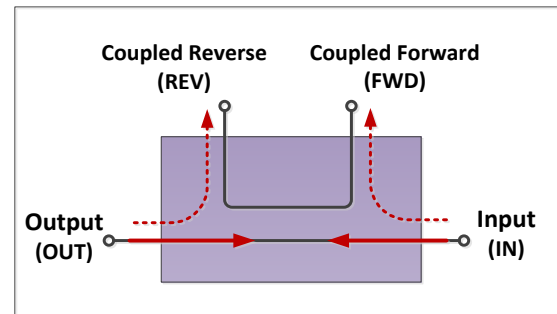
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

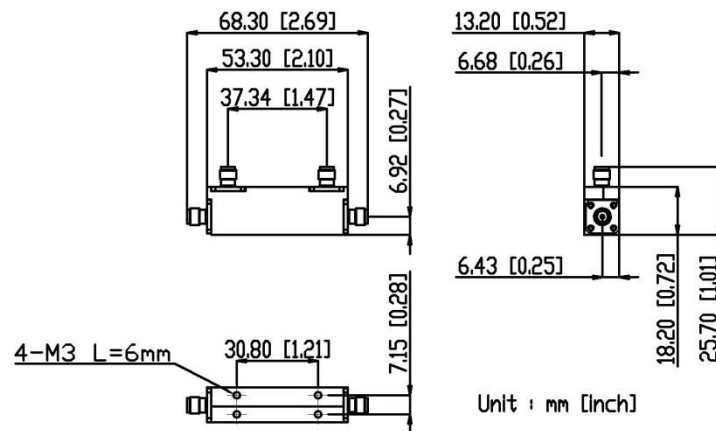


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	2 – 8	9	10	11
Coupling Flatness (Forward Direction)				±0.25	±0.3
Directivity (Forward Direction)			24	27	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.15	1.25
Insertion Loss (Including Coupling Loss)	dB			0.9	1.1
Nominal Coupling (Reverse Direction)			9.3	10.3	11.3
Coupling Flatness (Reverse Direction)				±0.25	±0.4
Directivity (Reverse Direction)			20	23	
Average Power Handling	W				

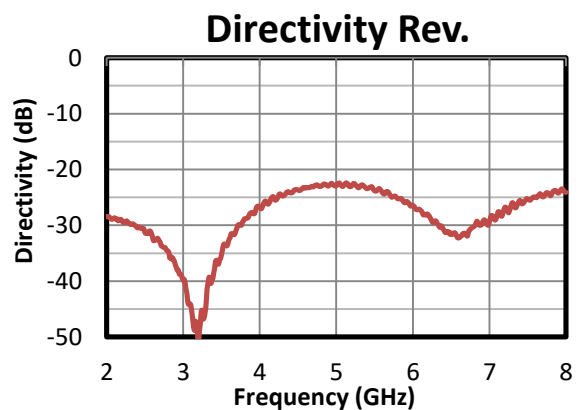
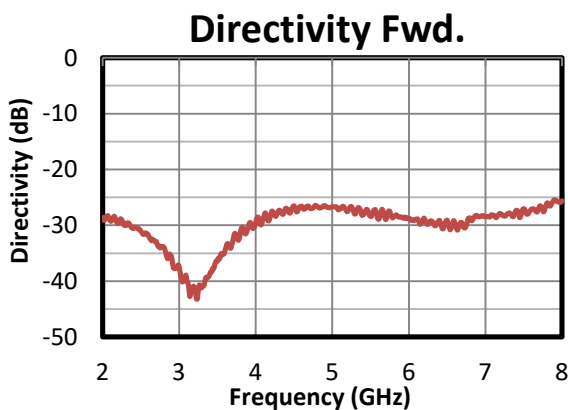
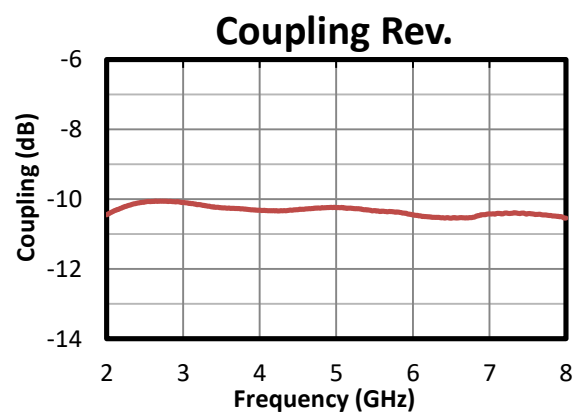
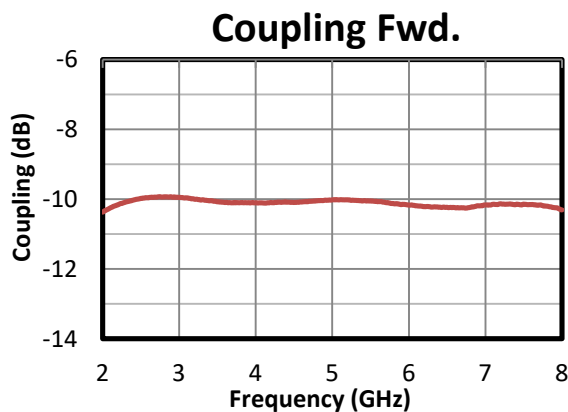
Operated in 50Ω system, 25°C environment.

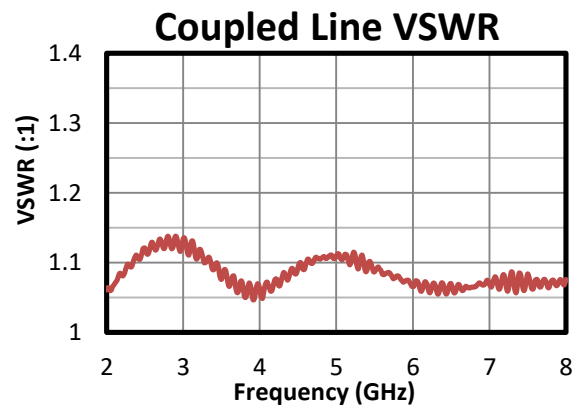
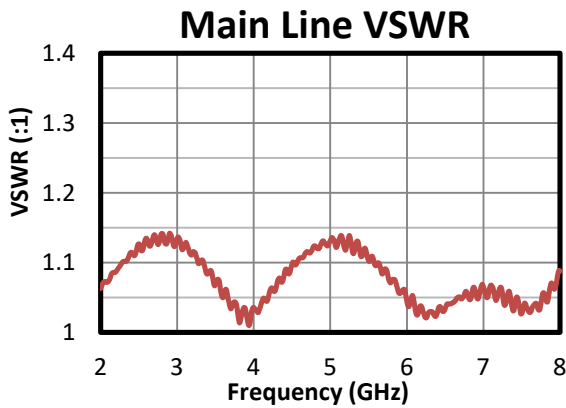
Outline Drawing



Connectors: SMA Female

Typical Performance

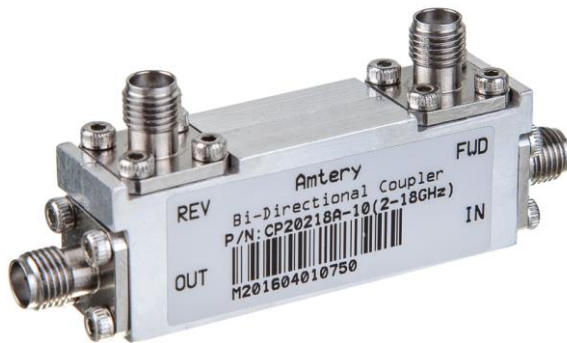




Typical performance S-parameter file: <https://www.amtery.com/en/goods-48>

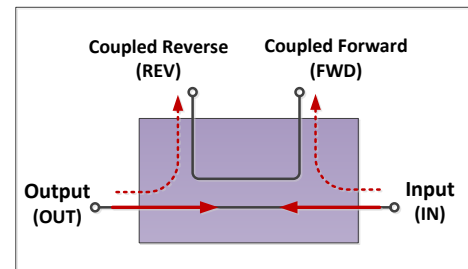
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

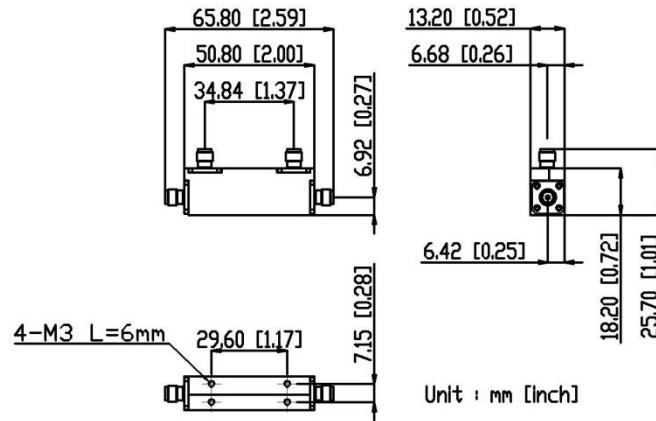


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	2 – 18	9	10	11
Coupling Flatness (Forward Direction)				±0.6	±0.8
Directivity (Forward Direction)			19	22	
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
Nominal Coupling (Reverse Direction)			9.4	10.4	11.4
Coupling Flatness (Reverse Direction)				±0.8	±1.1
Directivity (Reverse Direction)			16	20	
Average Power Handling	W	2 – 18			20

Operated in 50Ω system, 25°C environment.

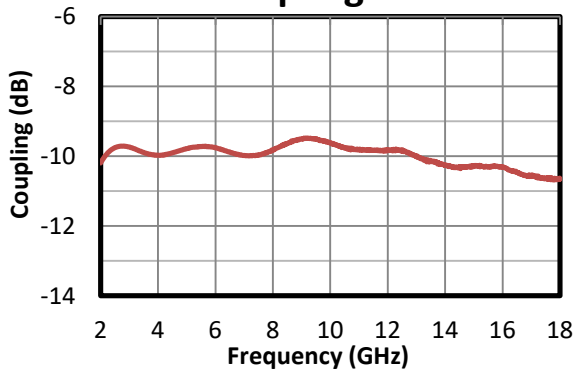
Outline Drawing



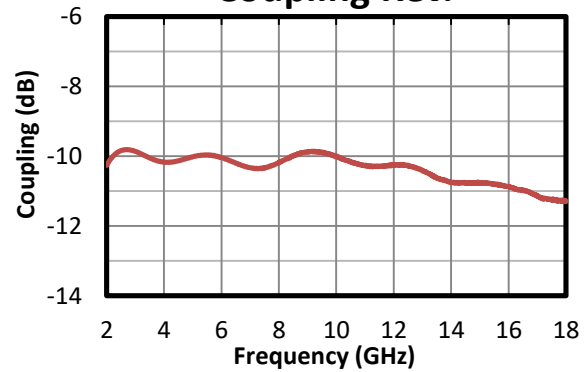
Connectors: SMA Female

Typical Performance

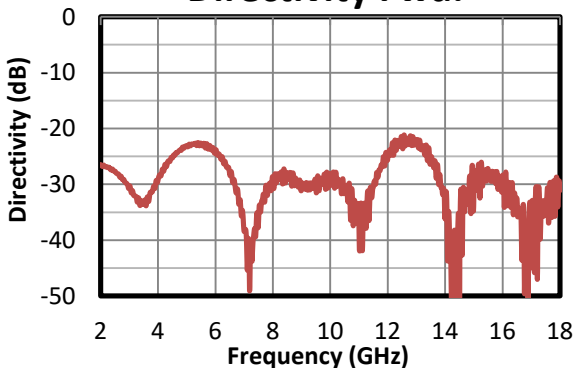
Coupling Fwd.



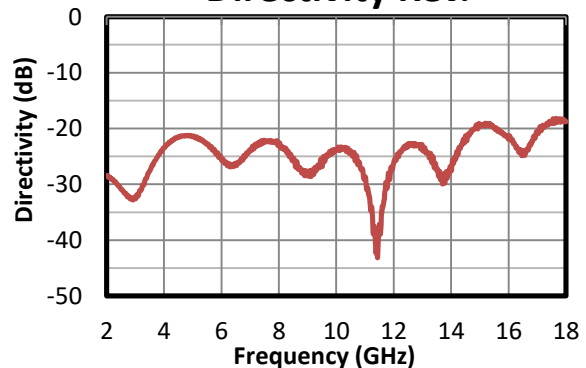
Coupling Rev.

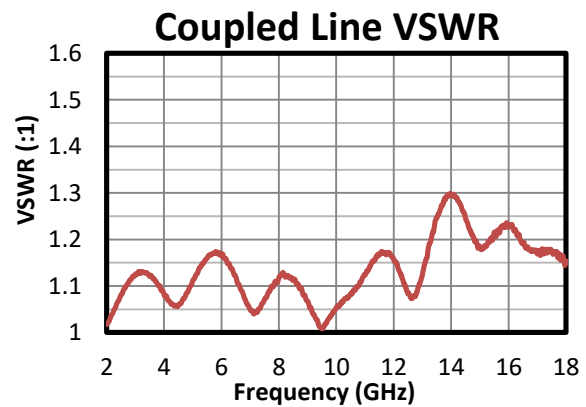
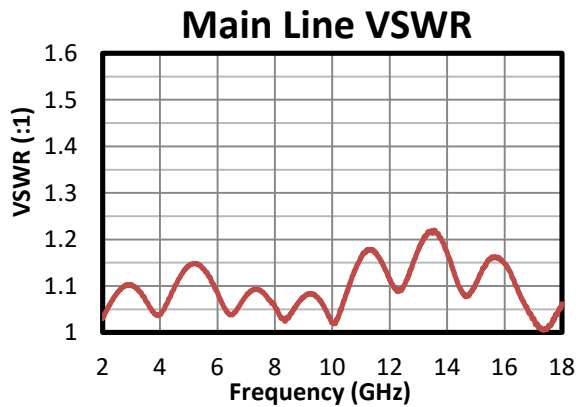


Directivity Fwd.



Directivity Rev.

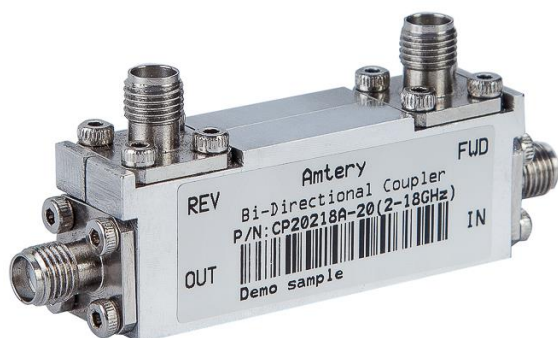




Typical performance S-parameter file: <https://www.amtery.com/en/goods-51>

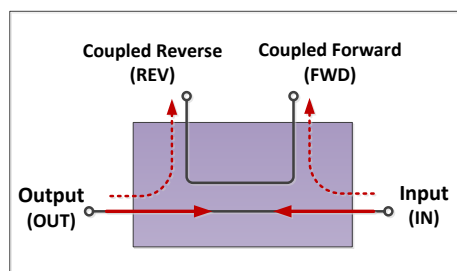
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

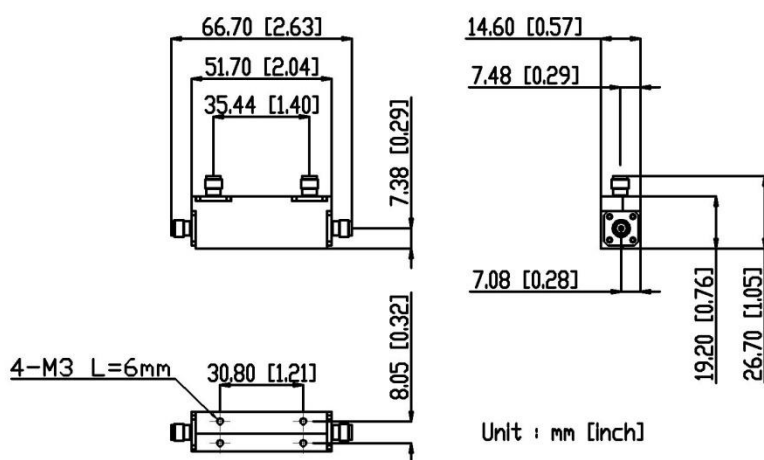


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	2 – 18	19.3	20	20.7
Coupling Flatness (Forward Direction)	dB	2 – 18		±0.4	±0.6
Directivity (Forward Direction)	dB	2 – 4	25	32	
		4 – 8	20	23	
		8 – 18	17	23	
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		1.20	1.35
Insertion Loss	dB	2 – 18		0.5	0.8
Nominal Coupling (Reverse Direction)	dB	2 – 18	19.7	20.3	20.9
Coupling Flatness (Reverse Direction)	dB	2 – 18		±0.4	±0.8
Directivity (Reverse Direction)	dB	2 – 4	25	33	
		4 – 8	19	23	
		8 – 18	14	21	
Average Power Handling	W	2 – 18			20

Operated in 50Ω system, 25°C environment.

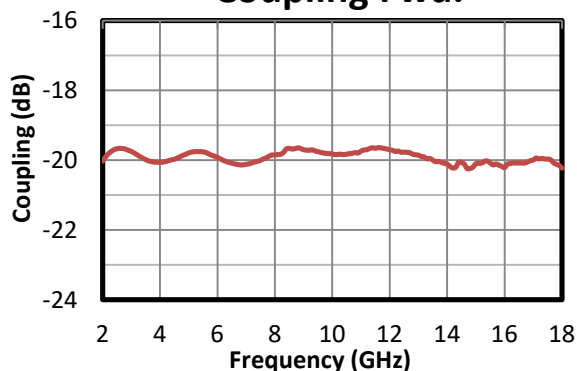
Outline Drawing



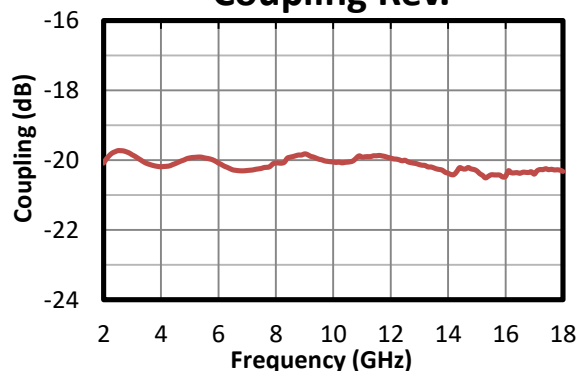
Connectors: SMA Female

Typical Performance

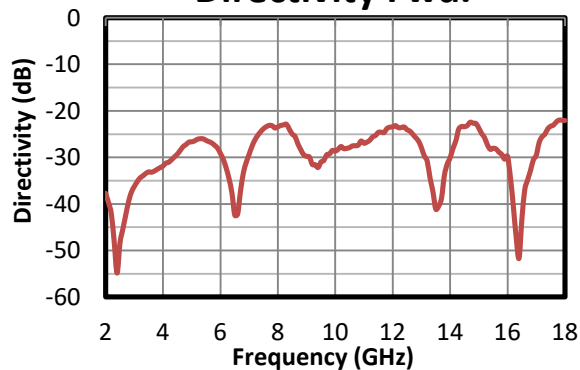
Coupling Fwd.



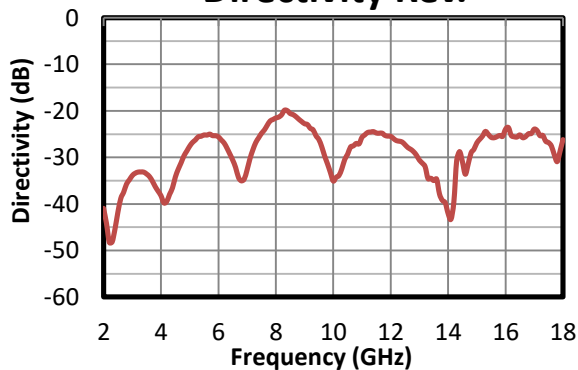
Coupling Rev.

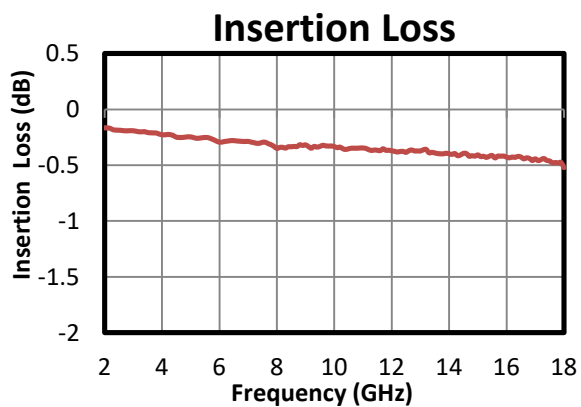
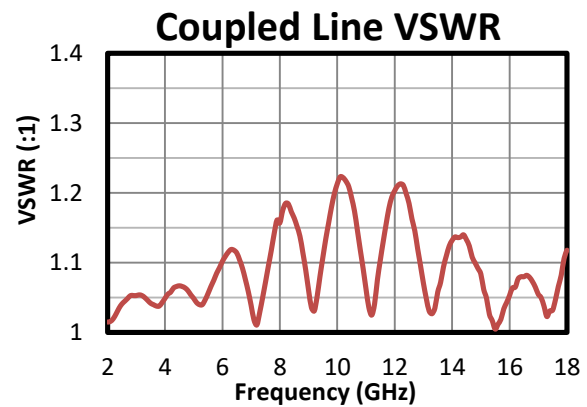
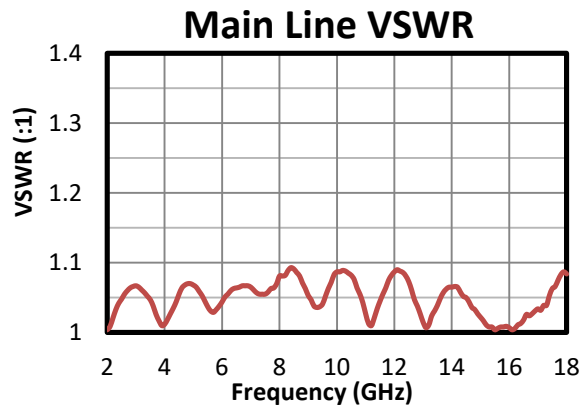


Directivity Fwd.



Directivity Rev.

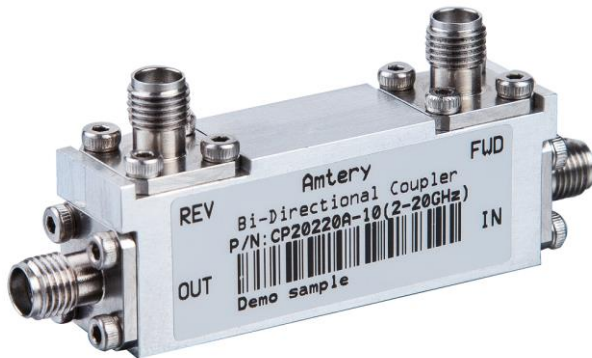




Typical performance S-parameter file: <https://www.amtery.com/en/goods-34>

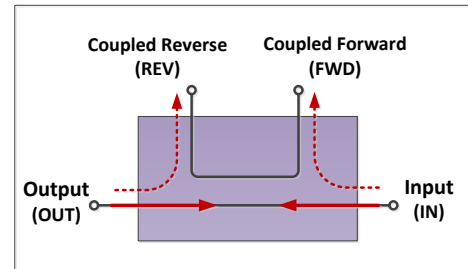
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

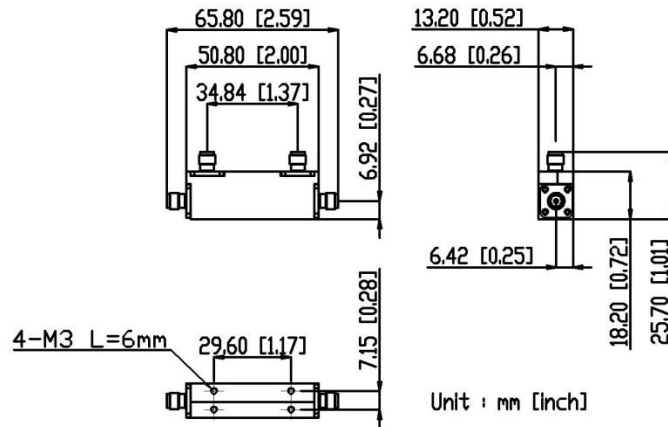


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	2 – 20	9	10	11
Coupling Flatness (Forward Direction)				±0.7	±0.9
Directivity (Forward Direction)			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
Nominal Coupling (Reverse Direction)			9.4	10.4	11.4
Coupling Flatness (Reverse Direction)				±0.9	±1.2
Directivity (Reverse Direction)			16	19	
Average Power Handling	W	2 – 20			20

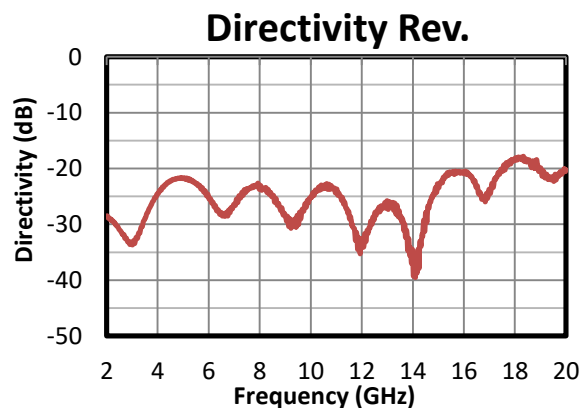
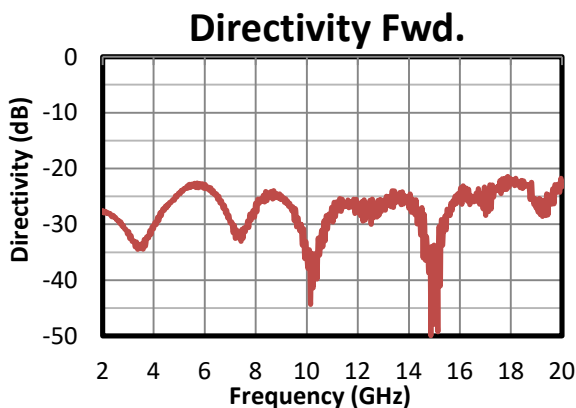
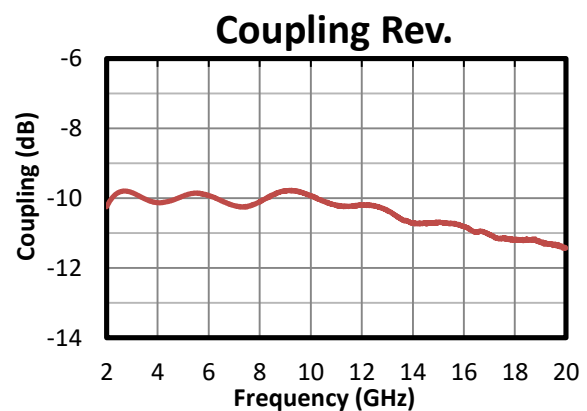
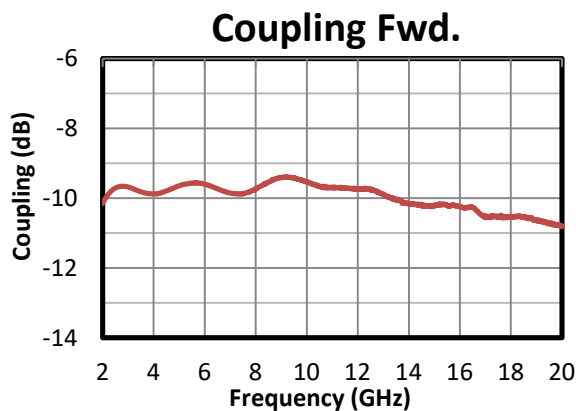
Operated in 50Ω system, 25°C environment.

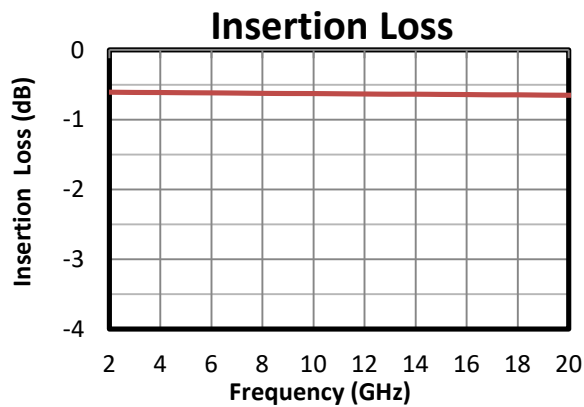
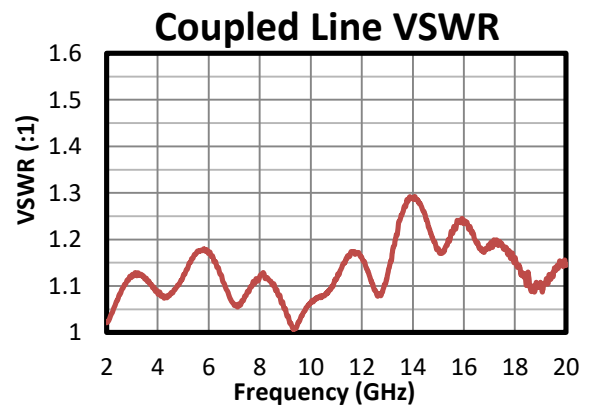
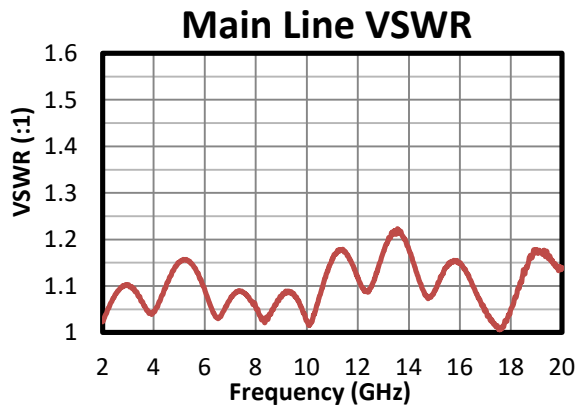
Outline Drawing



Connectors: SMA Female

Typical Performance

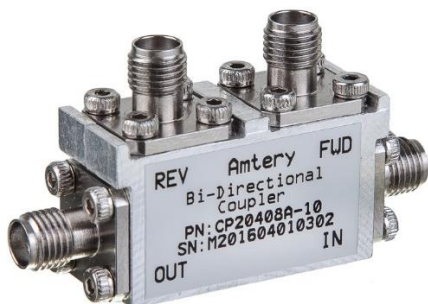




Typical performance S-parameter file: <https://www.amtery.com/en/goods-58>

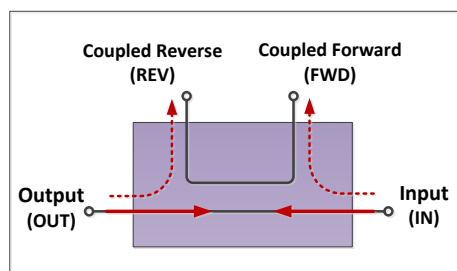
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

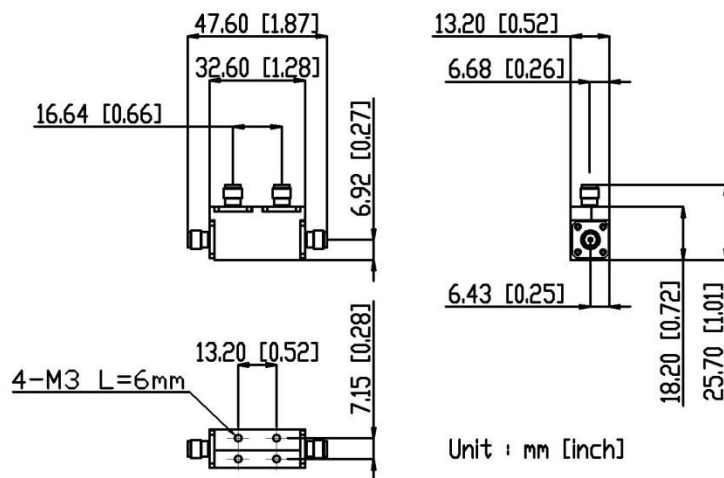


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	4 – 8	8.75	10	11.25
Coupling Flatness (Forward Direction)				±0.65	±0.75
Directivity (Forward Direction)			27	30	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.15	1.25
Insertion Loss (Including Coupling Loss)	dB			0.9	1.1
Nominal Coupling (Reverse Direction)			8.75	10	11.25
Coupling Flatness (Reverse Direction)				±0.65	±0.75
Directivity (Reverse Direction)			25	28	
Average Power Handling	W				

Operated in 50Ω system, 25°C environment.

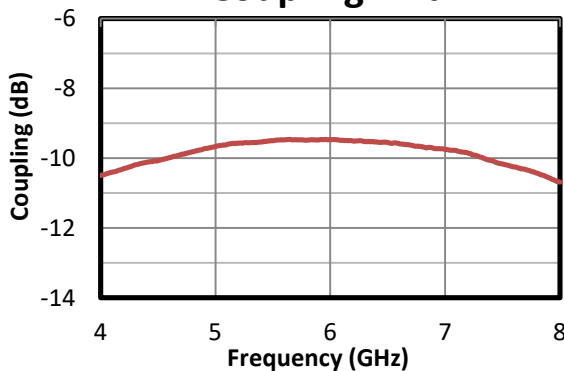
Outline Drawing



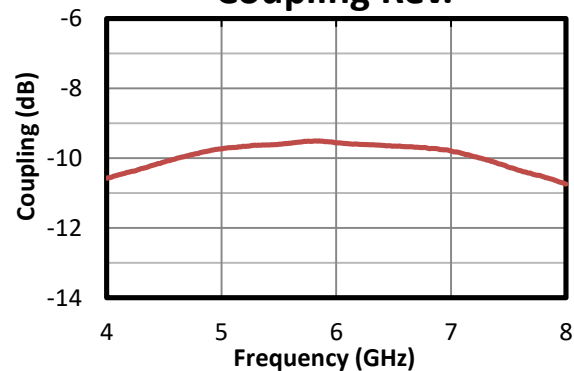
Connectors: SMA Female

Typical Performance

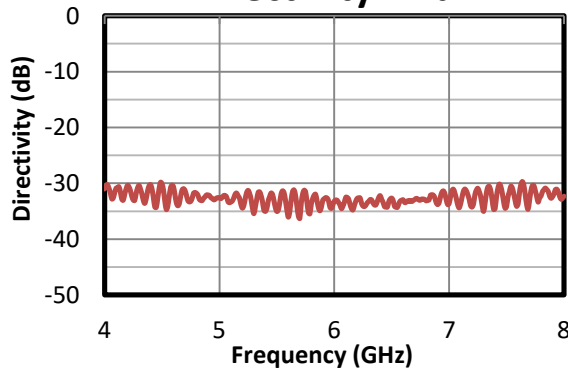
Coupling Fwd.



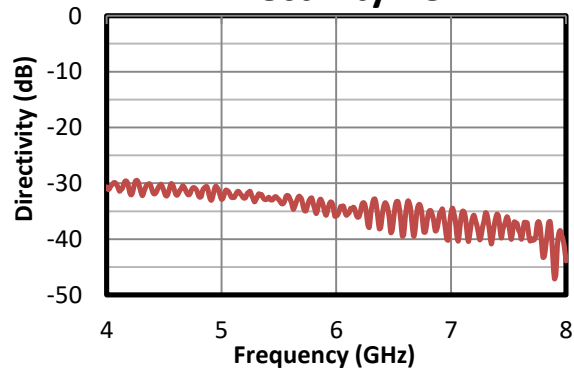
Coupling Rev.

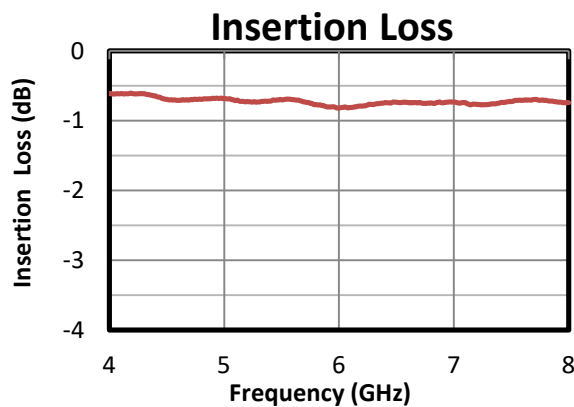
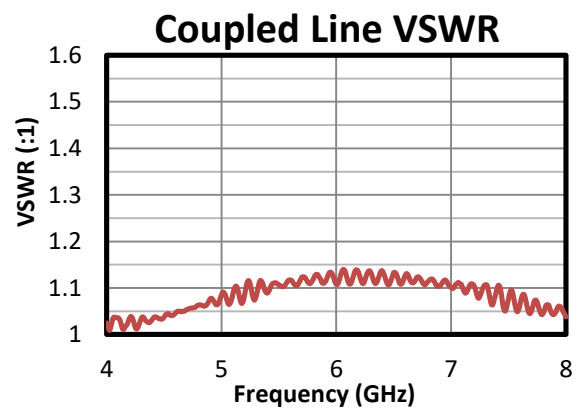
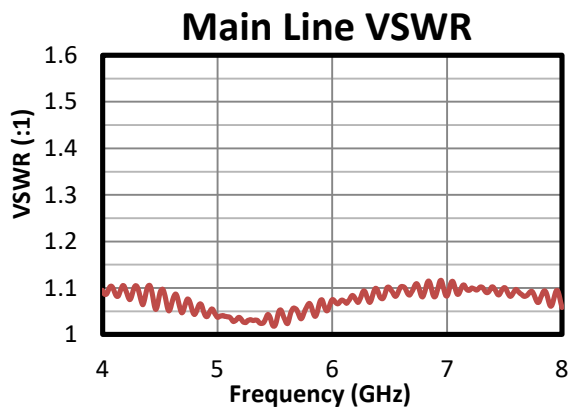


Directivity Fwd.



Directivity Rev.

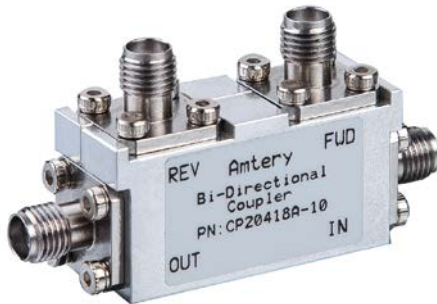




Typical performance S-parameter file: <https://www.amtery.com/zh-tw/goods-56>

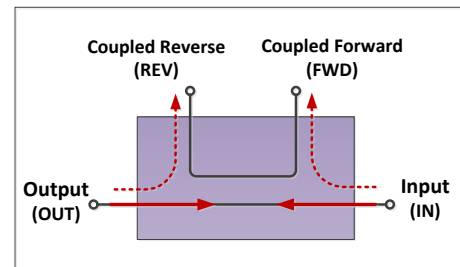
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

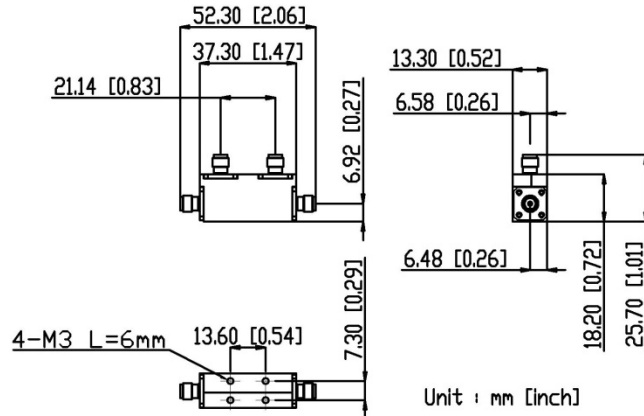


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	4 – 18	9	10	11
Coupling Flatness (Forward Direction)		4 – 18		±0.4	±0.6
Directivity (Forward Direction)		4 – 12 12 – 18	20 18	24 21	
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
Nominal Coupling (Reverse Direction)			9	10	11
Coupling Flatness (Reverse Direction)				±0.4	±0.6
Directivity (Reverse Direction)		4 – 12 12 – 18	19 17	22 21	
Average Power Handling	W	4 – 18			20

Operated in 50Ω system, 25°C environment.

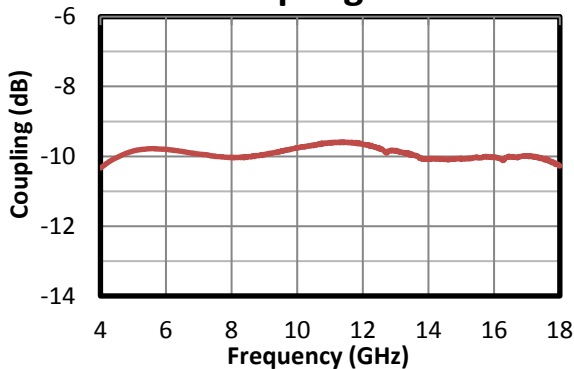
Outline Drawing



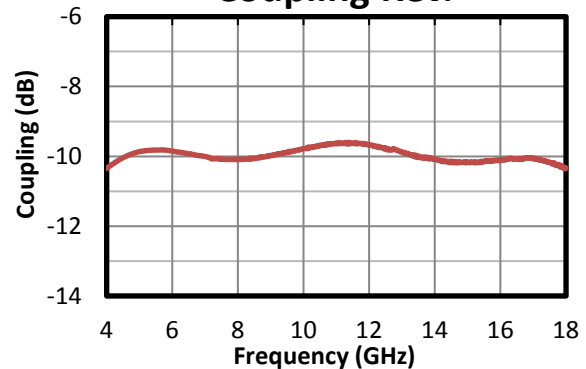
Connectors: SMA Female

Typical Performance

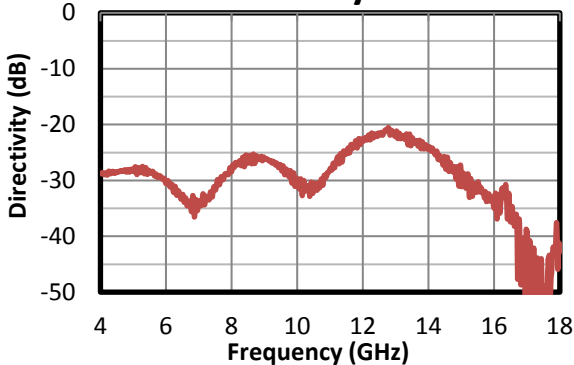
Coupling Fwd.



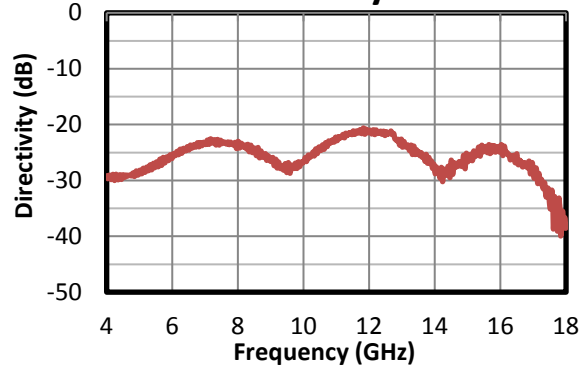
Coupling Rev.

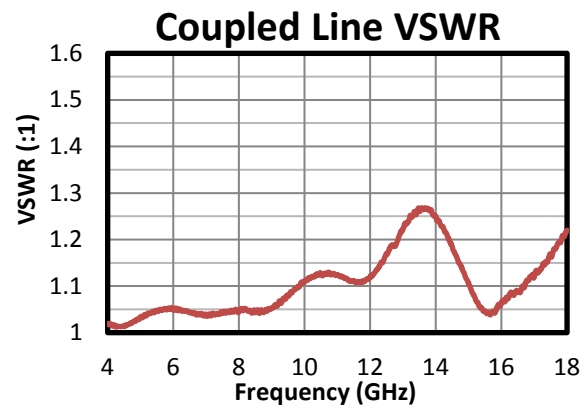
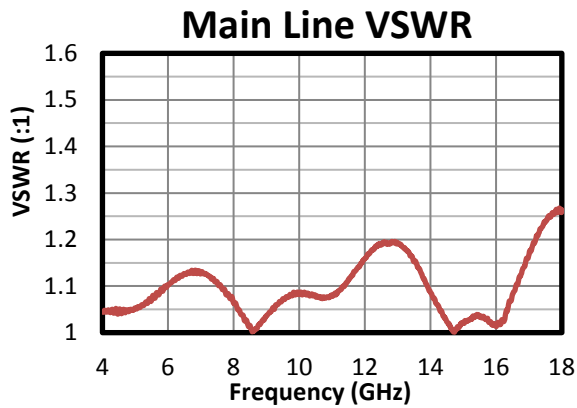


Directivity Fwd.



Directivity Rev.





Typical performance S-parameter file: <https://www.amtery.com/en/goods-64>

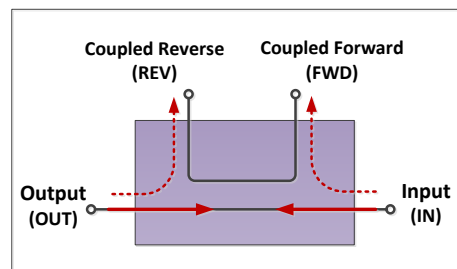
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic

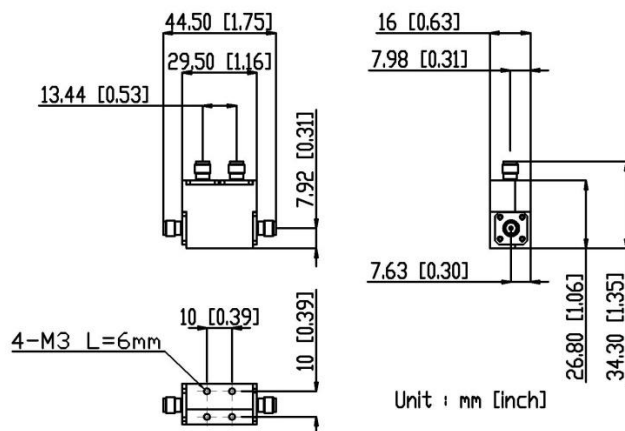


Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	7 – 10	19.2	20	20.8
Coupling Flatness (Forward Direction)				±0.25	±0.3
Directivity (Forward Direction)			20	22	
Main Line VSWR	:1			1.15	1.25
Coupled Line VSWR				1.20	1.30
Insertion Loss (Including Coupling Loss)	dB			0.35	0.5
Nominal Coupling (Reverse Direction)			19.2	20	20.8
Coupling Flatness (Reverse Direction)				±0.25	±0.3
Directivity (Reverse Direction)			18	21	
Average Power Handling	W				

Operated in 50Ω system, 25°C environment.

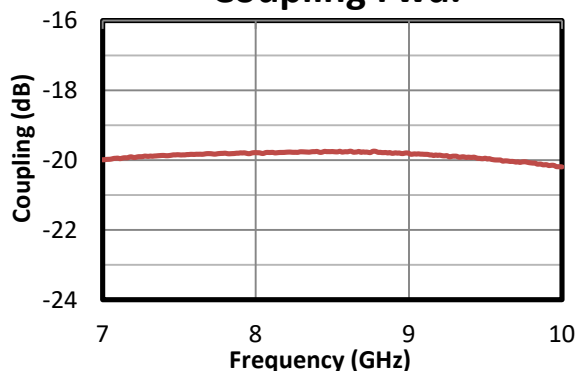
Outline Drawing



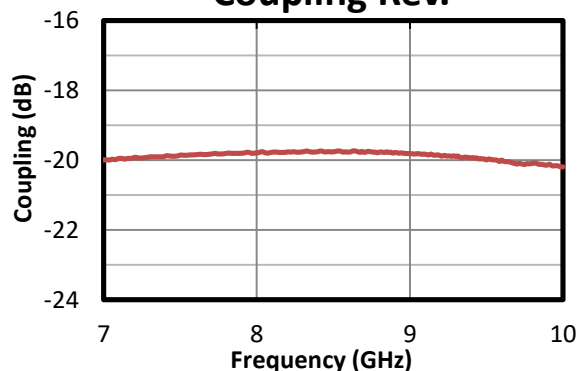
Connectors: SMA Female

Typical Performance

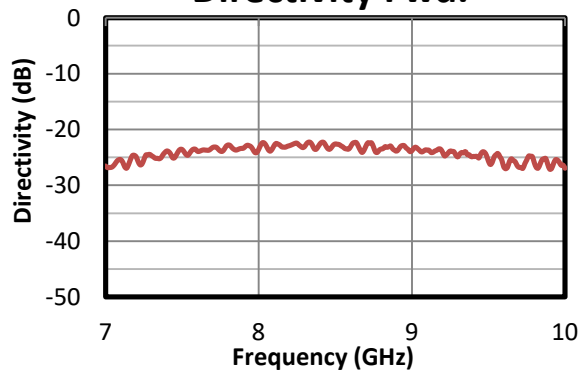
Coupling Fwd.



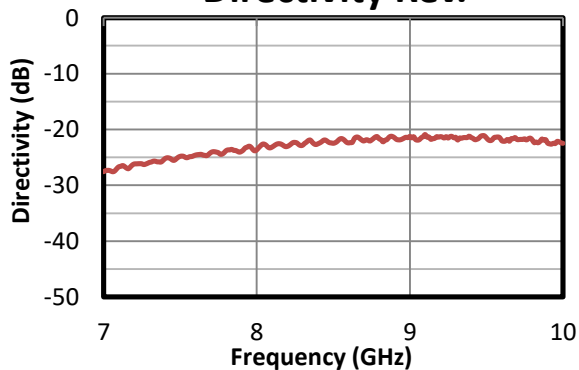
Coupling Rev.

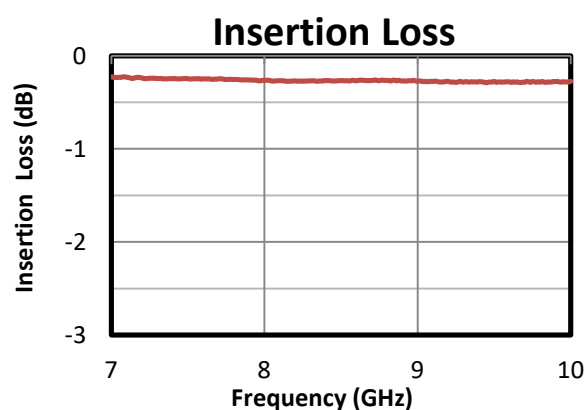
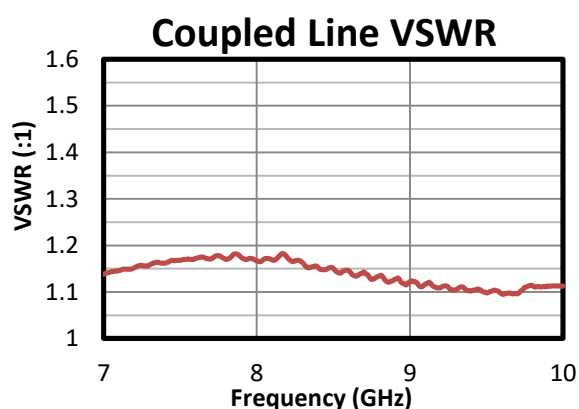
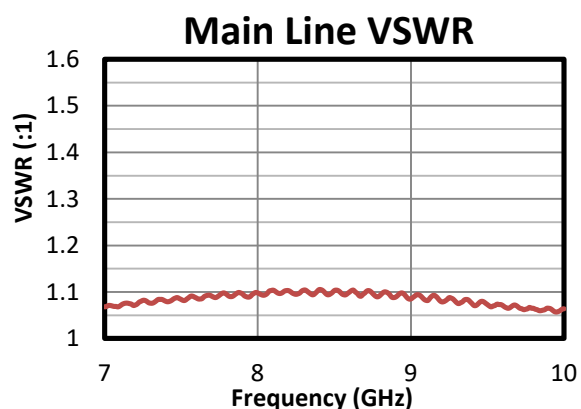


Directivity Fwd.



Directivity Rev.





Typical performance S-parameter file: <https://www.amtery.com/en/goods-68>

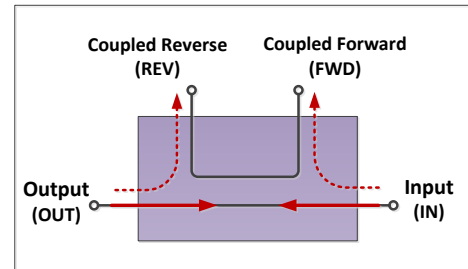
For each S/N S-parameter file, go to <https://www.amtery.com/en/downloads>

Note: Specifications are subject to change without notice.



RoHS Compliant

Electrical schematic



Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.4 – 8	19	20	21
Coupling Flatness (Forward Direction)		0.4 – 8		±0.9	±1.3
Directivity (Forward Direction)		0.4 – 4 4 – 8	24 21	26 24	
Main Line VSWR	:1	0.4 – 4 4 – 8		1.15 1.20	1.20 1.25
Coupled Line VSWR		0.4 – 4 4 – 8		1.15 1.20	1.25 1.30
Insertion Loss	dB	0.4 – 8		0.9	1.1
Nominal Coupling (Reverse Direction)		0.4 – 8	19.5	20.5	21.6
Coupling Flatness (Reverse Direction)		0.4 – 8		±1.1	±1.4
Directivity (Reverse Direction)		0.4 – 4 4 – 8	22 19	24 21	
Average Power Handling	W	0.4 – 8			30

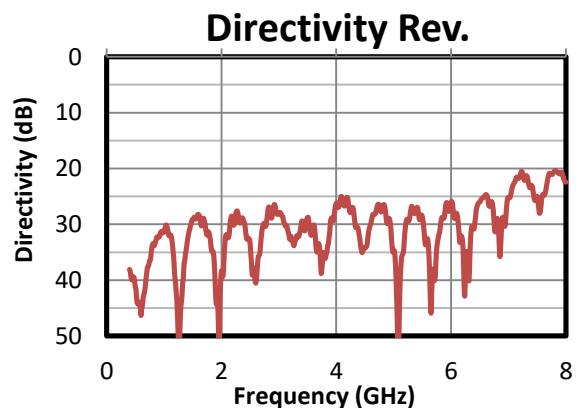
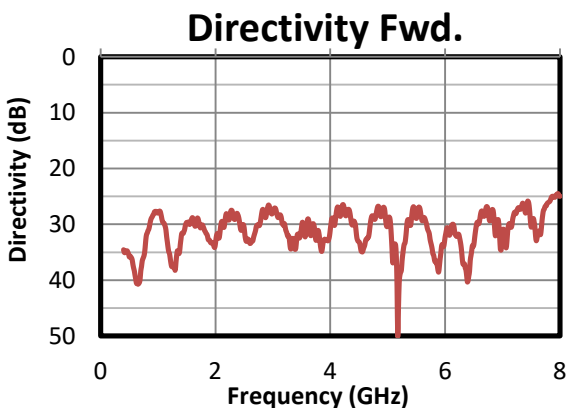
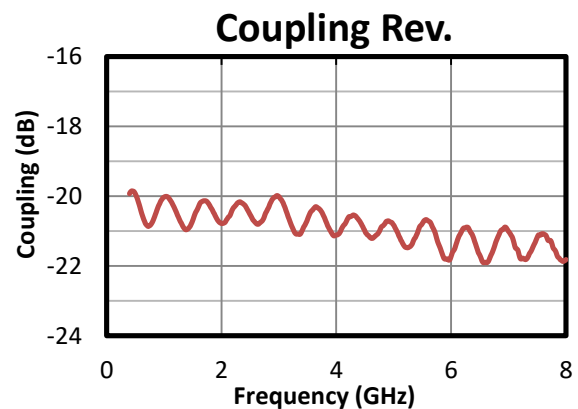
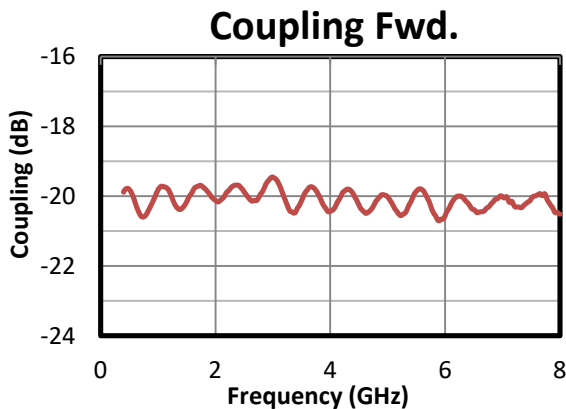
Operated in 50Ω system, 25°C environment.

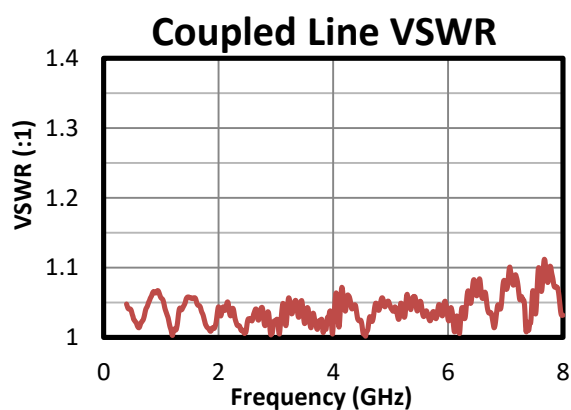
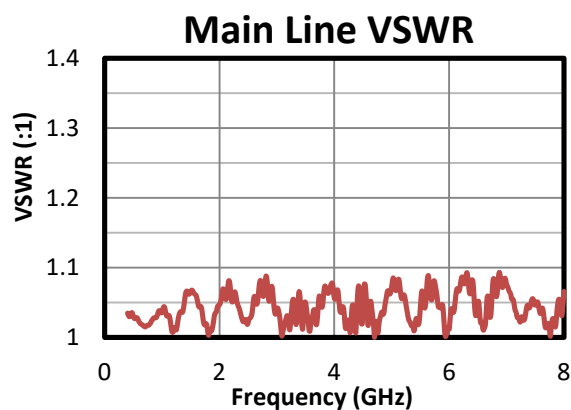
Outline Drawing



Connectors: SMA Female

Typical Performance





Typical performance S-parameter file: <https://www.amtery.com/en/goods-83>

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

Note: Specifications are subject to change without notice.