Amtery

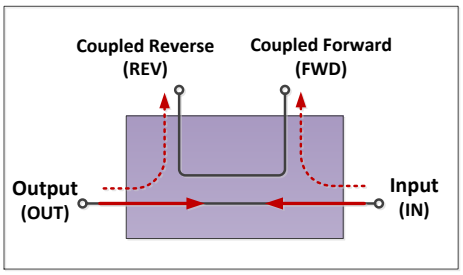
Quick Delivery. Reliable Quality. Instant Service

CP20008A-6

Bi-Directional Coupler 0.5 – 8 GHz



Electrical schematic



RoHS Compliant

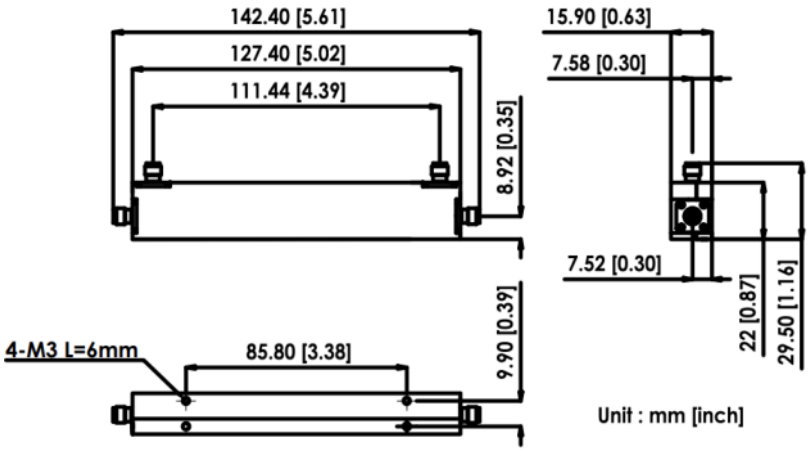
Electrical Specifications

Parameter	Unit	Frequency (GHz)	Min.	Typ.	Max.
Nominal Coupling (Forward Direction)	dB	0.5 – 8	5.3	6.0	6.7
Coupling Flatness (Forward Direction)				±0.5	±0.7
Directivity (Forward Direction)			20	23	
Main Line VSWR	:1			1.20	1.27
Coupled Line VSWR				1.20	1.27
Insertion Loss (Including Coupling Loss)	dB			2.0	2.5
Nominal Coupling (Reverse Direction)			5.2	6.0	6.8
Coupling Flatness (Reverse Direction)				±0.6	±0.8
Directivity (Reverse Direction)			17	19	
Average Power Handling	W				50

Operated in 50Ω system, 25°C environment.

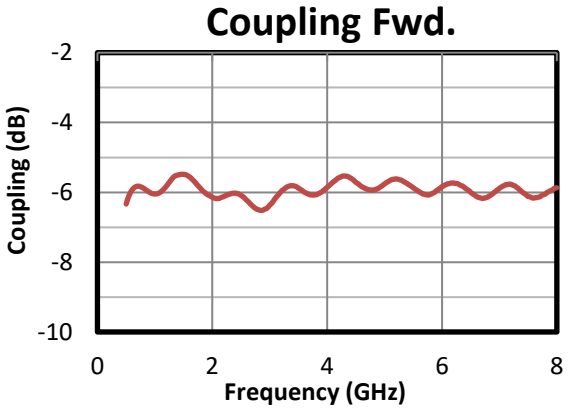
Tel: +886-2-77300402 Email: info@amtery.com

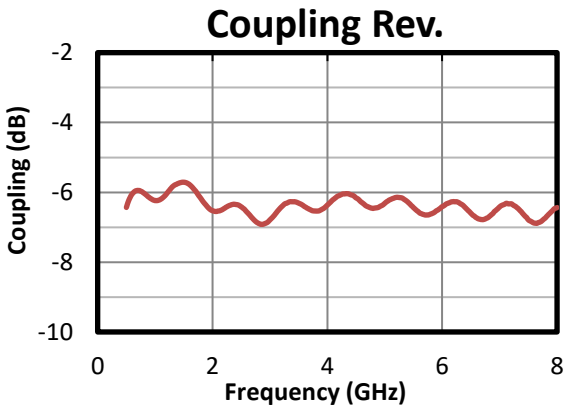
Outline Drawing

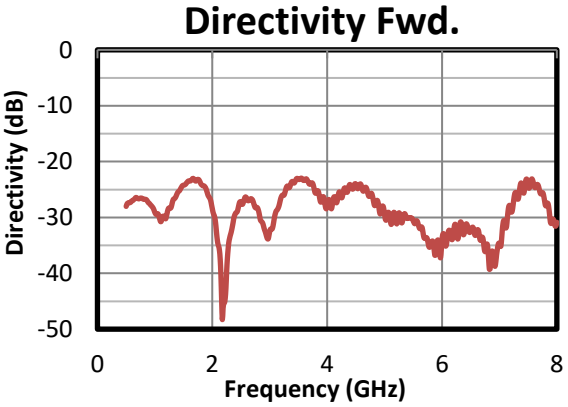


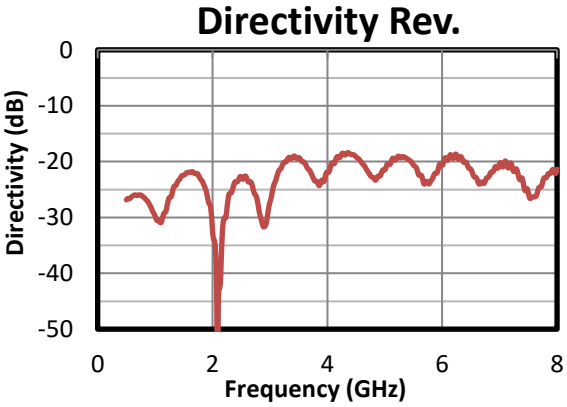
Connectors: SMA Female

Typical Performance



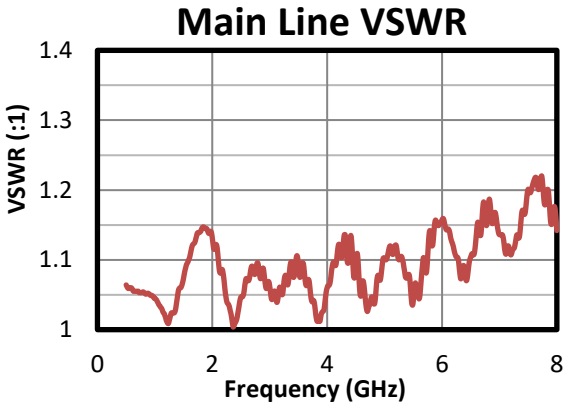


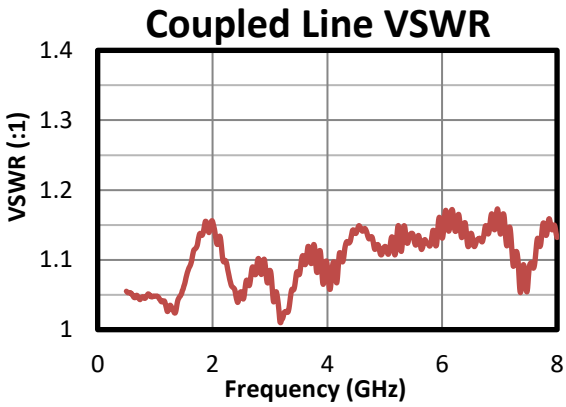




CP20008A-6

Bi-Directional Coupler 0.5 – 8 GHz







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.