

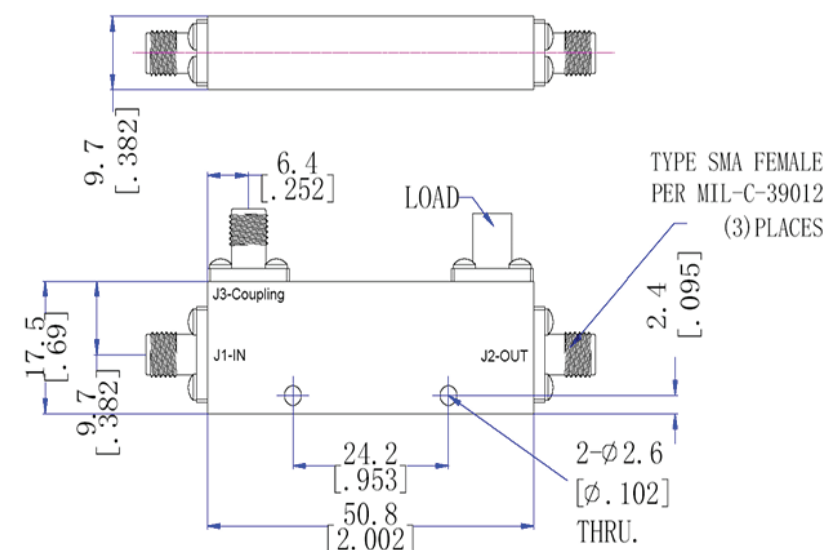
DIRECTIONAL COUPLER

Model: PDC20180B10S

SPECIFICATIONS:

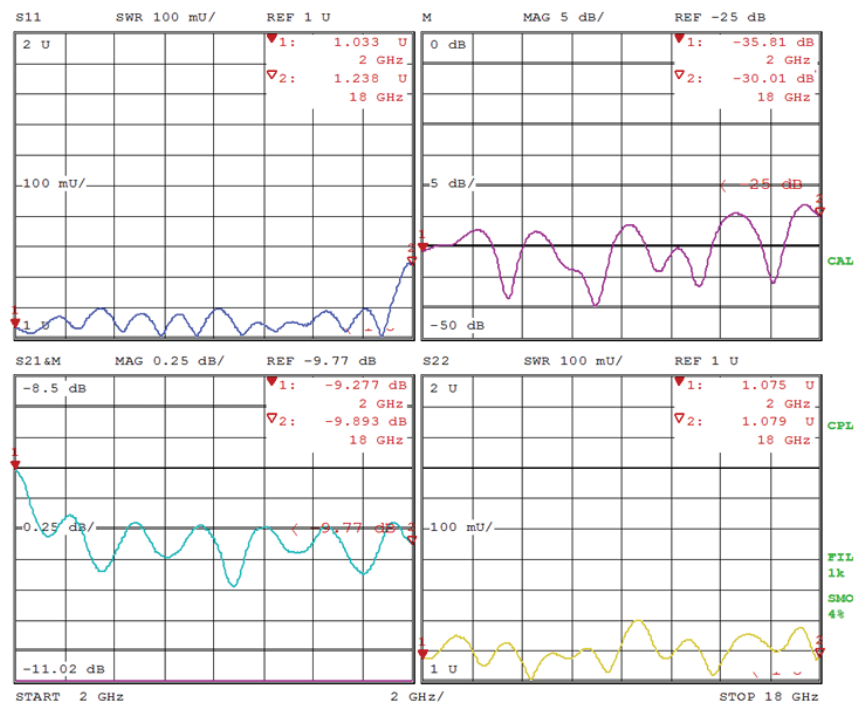
N0.	DESCRIPTION		SPEC.
01	Frequency Rang		2.0-18.0GHz
02	Insertion Loss (True)		1.3dB dB Max
03	Coupling		10dB $\pm$ 0.7dB
04	VSWR		Input 1.35:1
05	Frequency Flatness		$\pm$ 0.5dB Max
06	Directivity		15.0 dB Min.
06	Power	Average	50Watt Max.
07	Handling	Peak	1KW Max.
07	In/Out Impedance		50 Ohms
08	Case Material		Aluminum Alloy
09	Surface Finish		Epoxy Paint
10	Connectors		2.92-Female
11	Impedance		50 ohms
12	Operation temperature		-45C ~ +85C deg
12	Storage Temperature		-54C~+ 105c deg

MECHANICAL OUTLINE: Units in m"m TOLERANCE: $\pm$ 0.2 mm



TEST PLOTS

COUPLING FACTOR & SENSITIVITY, ISOLATION, VSWR



INSERTION LOSS

