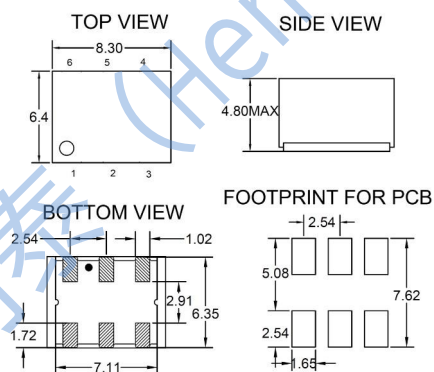




1-800Mhz 50Ω 20dB Coupler

HT-ADCB-20-82+

Mechanical Dimensions:



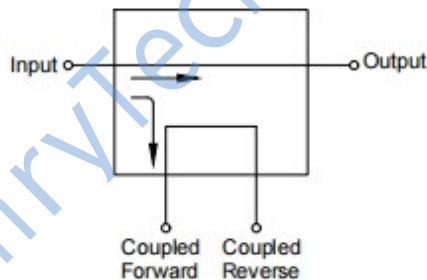
Notes:

- 1: Dimensions in mm.
- 2: Tolerance $\pm 0.3\text{mm}$ unless otherwise noted.

Ports Configuration:

Input/Output	1/6
Output/Input	6/1
Coupled/Isolation	3/4
Isolation/Coupled	4/3
Ground	2,5

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		500
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
HT-ADCB-20-82+	500 per reel



1-800MHz 50Ω 20dB Coupler

HT-ADCB-20-82+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	1	~	800
Insertion Loss	1-800MHz	dB	-	0.6	0.9
Coupling	1-800MHz	dB	18.5	20	21.8
VSWR(Main)	1-800MHz	-	-	-	1.8
VSWR(Coupling)	1-800MHz	-	-	-	1.8
Directivity	1-800MHz	dB	10	15	-

Typical Performance Curves:

