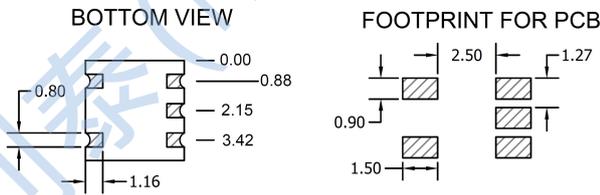




200-2000Mhz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-20+

Mechanical Dimensions:



Notes:

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

Ports Configuration:

SUM PORT	6
PORT 1	3
PORT 2	4
GROUND	1, 2

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-SBTC-2-20+	2000 per reel

200-2000MHz 50Ω 2 Ways 0° Power Splitter

HT-SBTC-2-20+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	200	~	2000
Insertion Loss	200-2000MHz	dB	-	0.8	2.2
Insertion Loss	800-1000MHz	dB	-	0.5	0.9
Insertion Loss	500-1500MHz	dB	-	0.5	1.5
Insertion Loss	1800-2000MHz	dB	-	1.2	2.2
Amplitude unbalance	200-2000MHz	dB	-	-	0.8
Amplitude unbalance	800-1000MHz	dB	-	-	0.5
Amplitude unbalance	500-1500MHz	dB	-	-	0.7
Amplitude unbalance	1800-2000MHz	dB	-	-	0.6
Phase unbalance	200-2000MHz	°	-	-	10
Phase unbalance	800-1000MHz	°	-	-	3
Phase unbalance	500-1500MHz	°	-	-	5
Phase unbalance	1800-2000MHz	°	-	-	10
Isolation	200-2000MHz	dB	14	20	-
Isolation	800-1000MHz	dB	16	22	-
Isolation	500-1500MHz	dB	15	22	-
Isolation	1800-2000MHz	dB	15	20	-

Notes:

1: Specifications guaranteed over the operating temperature range.



Typical Performance Curves:

