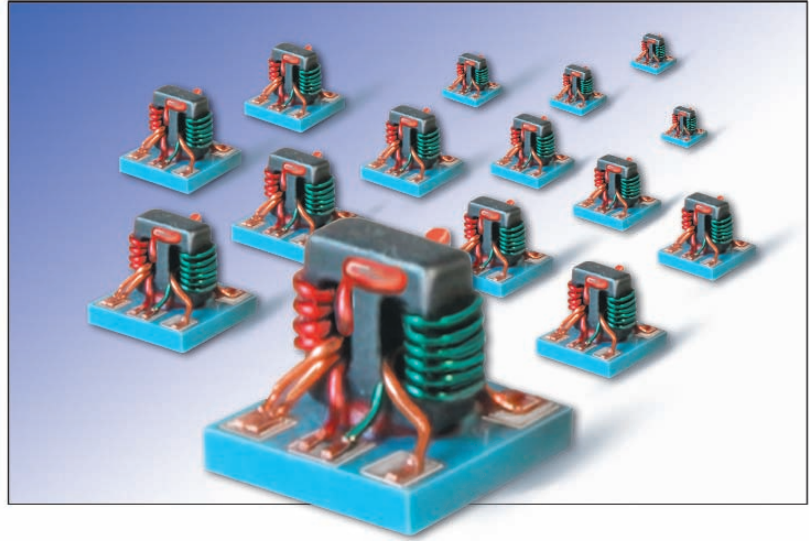


2WAY-0° POWER SPLITTER/COMBINERS Designer's Kit K1-SBTC+

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION!



5 to 2500MHz

SBTC+ Features

- Wideband, 50Ω
- Excellent amplitude unbalance
- Low insertion loss
- Low cost
- Leadless, open style package
- Micro-miniature size .15" x .15" x .15"
- Temperature stable LTCC base
Low Temperature Co-fired Ceramic



All models are RoHS compliant

Kit K1-SBTC+ Electrical specifications of each model (3 models, 5 of each, 15 total)

Model	Freq. Range (MHz) f_L - f_U	Isolation (dB)						Insertion Loss (dB) Above 3.0dB						Phase Unbalance (Degrees)			Amplitude Unbalance (dB)			Power Input (W) (as a splitter) Max.
		L*		M		U*		L*		M		U*		L*	M	U*	L*	M	U*	
		Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.	
SBTC-2-10+	5-1000	29	20	25	18	21	16	0.3	0.7	0.3	0.8	0.5	1.4	3	3	5	0.6	0.5	0.5	0.5
SBTC-2-20+	200-2000	—	—	20	14	—	—	—	—	0.8	2.2	—	—	—	10	—	—	0.8	—	0.5
SBTC-2-25+	1000-2500	—	—	20	14	—	—	—	—	1.4	2.5	—	—	—	14	—	—	1.2	—	1.0

L = low range [f_L to $10f_L$] M = mid range [$10f_L$ to $f_U/2$] U = upper range [$f_U/2$ to f_U]

Protected under U.S. Patent 6,963,255

* When only specification for M range given, specification applies to entire frequency range.

Mini-Circuits®
ISO 9001 ISO 14001 CERTIFIED

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For quick access to product information see MINI-CIRCUITS CATALOG & WEB SITE

RF/IF MICROWAVE COMPONENTS

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Development Tools](#) category:

Click to view products by [Mini-Circuits](#) manufacturer:

Other Similar products are found below :

[MAAM-011117](#) [MAAP-015036-DIEEV2](#) [EV1HMC1113LP5](#) [EV1HMC6146BLC5A](#) [EV1HMC637ALP5](#) [122410-HMC686LP4E](#) [ADL5363-EVALZ](#) [130437-HMC1010LP4E](#) [EKIT01-HMC1197LP7F](#) [SKYA21001-EVB](#) [SMP1331-085-EVB](#) [EVAL01-HMC1041LC4](#) [MAAL-011111-000SMB](#) [MAAM-009633-001SMB](#) [107712-HMC369LP3](#) [107780-HMC322ALP4](#) [SP000416870](#) [EV1HMC520ALC4](#) [EV1HMC244AG16](#) [EV1HMC539ALP3](#) [124694-HMC742ALP5](#) [SC20ASATEA-8GB-STD](#) [MAX2692EVKIT#](#) [SKY12343-364LF-EVB](#) [108703-HMC452QS16G](#) [119197-HMC658LP2](#) [EV1HMC647ALP6](#) [ADL5725-EVALZ](#) [106815-HMC441LM1](#) [UXN14M9PE](#) [SIMSA868-DKL](#) [SIMSA868C-DKL](#) [SKY65806-636EK1](#) [SKY68020-11EK1](#) [SKY67159-396EK1](#) [SKY66181-11-EK1](#) [SKY65804-696EK1](#) [SKY13396-397LF-EVB](#) [SKY13380-350LF-EVB](#) [SKY13355-374LF-EVB](#) [SKY13322-375LF-EVB](#) [SKY12207-478LF-EVB](#) [SE5023L-EK1](#) [SE5004L-EK1](#) [SE2436L-EK1](#) [Se2435L-EK1](#) [CLA4609-086-EVB](#) [SIMSA915C-DKL](#) [SIMSA915-DKL](#) [SIMSA433C-DKL](#)