tic-tech Communication Products.

Power Splitter / Divider

Designed and built to satisfy the most exacting requirements for the split and/or combinination of RF signal, tic-tech PS2,3&4N-A series are the industry leading splitter offering extreme wide bandwidth from 800 to 2500MHz. Exacting in terms of excellent VSWR, low insertion loss, precise phase and amplitude balance to give optimal performance, this splitter model is available in 2, 3 and 4 way split.





Model	PS2N-A80250/P50	PS3N-A80250/P50	PS4N-A80250/P50
Туре	2 way divide	3 way divide	4 way divide
Frequency	800-2500MHz	800-2500MHz	800-2500MHz
VSWR for full bandwidth	<0.2:1	<0.2:1	<0.2:1
Insertion Loss	<0.2dB	<0.4dB	<0.4dB
Isolation	>22dB	>22dB	>22dB
Impedance	50 ohms	50 ohms	50 ohms
Input Power	50 Watt	50 Watt	50 Watt
Operating Temperature	-30°C ~ +60°C	-30°C ~ +60°C	-30°C ~ +60°C
Dimension (Overall)	110x80x22mm	130x110x22mm	40x130x22mm
Weight	0.25KG	0.42KG	0.60KG

-92	S11	SW	B	REF	850.00m		. 888m/		2.5GHz
				!		. MKF	1.178		2.5642
1									
					·				a
							1		
	17 800	000MHz	1,108						
	2	DOOMHZ	1.108		~~~~	مسير محمدت	~~~~~		·
	4	600MHz	- 245	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		<u> </u>	X	B	
	5:1.800	000GHz	1.038			1			
1	7:1.900	000GHz	1.044			1	1		
: =:	8:2:300	DOOGHZ	1,102				11		
						-			
11	18:2:400	DOOGHE	1.178						
4	START 75	DOOGHZ	1.178	F 18.38	dBn]		STOP 2.5	GHz	
1.0.1.1	START 75	BMHZ	1.178 6 MAG	[18.30 PFF	CONTRACTOR DESIGNATION	dB	COMPANY IN COMPANY AND ADDRESS OF TAXABLE PARTY.	GHz	
1.0.1.1	No:2.500	BMHZ	1.178 6 MAG	[18.30 REF	dBm] -2.200		.872 dB/		2.56-7
1.0.1.1	START 75	BMHZ	1.178 6 MAG	11111111111111111111111111111111111111	CONTRACTOR DESIGNATION		COMPANY IN COMPANY AND ADDRESS OF TAXABLE PARTY.		
1.0.1.1	V0:2:500 START 75 S21	BMHZ	1.178 6 MAG	11111111111111111111111111111111111111	-2.200	MKE	.872 dB/	B	1
1.0.1.1	START 75	BMHZ	6 MAG	11111111111111111111111111111111111111	-2.200		.872 dB/		
1.0.1.1	V0:2:500 START 75 S21	BMHZ	6 MAG	11111111111111111111111111111111111111	-2.200	MKE	.872 dB/	B	1
1.0.1.1	V0:2:500 START 75 S21	BMHZ	6 MAG	11111111111111111111111111111111111111	-2.200	MKE	.872 dB/	B	1
1.0.1.1	V0:2:500 START 750 S21	DOOGH2 BMH2 LO	1.178 6 MAG	11111111111111111111111111111111111111	-2.200	MKE	.872 dB/	B	1
1.0.1.1	V0:2:500 START 750 S21	DOOGH2 BMH2 LO	-3.081	dB REF	-2.200	MKE	.872 dB/	B	1
1.0.1.1	1.2.500 START 75 S21	DOOGHZ BMHZ LO	-3.081	BEF	-2.200	MKE	.872 dB/	B	1
1.0.1.1	1: 800 3: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8:	ODOGHZ BMHZ L0	-3.081 -3.092 -3.0630 -2.0630		-2.200	MKE	.872 dB/	B	1
1.0.1.1	1.2.500 START 75 S21		-3.081 -3.063		-2.200	MKE	.872 dB/	B	2.504 3.
1.0.1.1	1 000000000000000000000000000000000000				-2.200	MKE	.872 dB/	B	1
1.0.1.1	1 000000000000000000000000000000000000		-3.081 -3.092 -3.092 -3.092 -3.092 -3.092 -3.092 -3.092		-2.200	MKE	.872 dB/	B	1

*VSWR and Insertion Loss for Model PS2N-A80250/P50.