

Indoor 4 WAY TAP 4WITB**dB 1.2



PREVAIL



1. Descriptions

4WITB**dB 1.2 series 4way tap, with maximum operating frequency up to 1.2GHz and zinc alloy integrated housing, it has excellent EMC indicators.

2. Features

- Full SMT production process.
- Zinc alloy integrated housing, Plated Nickel
- Center conductor is Beryllium Copper Plated Gold.
- Low insertion loss, high isolation.

3. Specifications

ITEM	FREQUENCY RANGE	SPECIFICAION			
		4WITB12dB 1.2	4WITB14dB 1.2	4WITB16dB 1.2	4WITB20dB 1.2
Insertion loss (IN - OUT)	5 ~ 15 MHz	4.0 ± 1.0 dB	3.0 ± 1.0 dB	2.5 ± 1.0 dB	2.2 ± 1.0 dB
	15 ~ 40 MHz	4.0 ± 1.0 dB	3.0 ± 1.0 dB	2.5 ± 1.0 dB	2.2 ± 1.0 dB
	40 ~ 470 MHz	4.0 ± 1.0 dB	3.0 ± 1.0 dB	2.5 ± 1.0 dB	2.2 ± 1.0 dB
	470 ~ 862 MHz	4.0 ± 1.0 dB	3.0 ± 1.0 dB	3.0 ± 1.0 dB	2.2 ± 1.0 dB
	862 ~ 1000 MHz	4.0 ± 1.0 dB	3.0 ± 1.0 dB	3.2 ± 1.0 dB	2.2 ± 1.0 dB
	1000 ~ 1218 MHz	4.0 ± 1.0 dB	3.5 ± 1.0 dB	3.2 ± 1.0 dB	2.6 ± 1.0 dB
Insertion loss (IN - TAP)	5 ~ 1000 MHz	12.0 ± 1.5 dB	14.0 ± 1.5 dB	16.0 ± 1.5 dB	20.0 ± 1.5 dB
	1000 ~ 1218 MHz	12.0 ± 1.5 dB	14.0 ± 1.5 dB	16.0 ± 1.5 dB	20.0 ± 1.5 dB
Isolation (OUT - TAP1/2/3/4)	5 ~ 15 MHz	> 25 dB	> 28 dB	> 26 dB	> 35 dB
	15 ~ 40 MHz	> 30 dB	> 30 dB	> 26 dB	> 35 dB
	40 ~ 470 MHz	> 28 dB	> 28 dB	> 25 dB	> 30 dB
	470 ~ 862 MHz	> 22 dB	> 22 dB	> 22 dB	> 23 dB
	862 ~ 1000 MHz	> 22 dB	> 22 dB	> 22 dB	> 22 dB
	1000 ~ 1218 MHz	> 20 dB	> 20 dB	> 20 dB	> 20 dB

ITEM	FREQUENCY RANGE	SPECIFICAION			
		412	414	416	420
Isolation (TAP - TAP)	5 ~ 15 MHz	> 33 dB	> 35 dB	> 38 dB	> 45 dB
	15 ~ 40 MHz	> 35 dB	> 35 dB	> 38 dB	> 45 dB
	40 ~ 470 MHz	> 33 dB	> 33 dB	> 35 dB	> 40 dB
	470 ~ 862 MHz	> 30 dB	> 30 dB	> 30 dB	> 35 dB
	862 ~ 1000 MHz	> 30 dB	> 30 dB	> 30 dB	> 35 dB
	1000 ~ 1218 MHz	> 26 dB	> 30 dB	> 30 dB	> 30 dB
Return loss (IN/OUT/TAP)	5 ~ 15 MHz	16 dB			
	15 ~ 40 MHz	16 dB			
	40 ~ 470 MHz	16 dB			
	470 ~ 862 MHz	16 dB			
	862 ~ 1000 MHz	16 dB			
	1000 ~ 1218 MHz	16 dB			
EMC (Class A+10dB)	5 ~ 300 MHz	95 dB			
	300 ~ 470 MHz	90 dB			
	470 ~ 950 MHz	85 dB			
	950 ~ 1218 MHz	65 dB			