

VHF/UHF WIDTH BAND POWER SPLITTER

MODEL: PD1050-2N / PD1050-3N



- ◆ Operation Band: 100-510MHz
- ◆ Hybrid structure
- ◆ Low insertion loss
- ◆ High isolation

Model No.	PD1050-2N	PD1050-3N
Frequency Range 頻率範圍 (MHz)	100-510	100-510
Split Loss 分配損失(dB)	≤ 3	≤ 4.5
Insertion Loss 插入損失 (dB)	≤ 0.3	≤ 0.6
Input Return Loss 回波損耗(dB)	≥ 20	≥ 20
Input Power 輸入功率 (W) P-P max'	100	100
Impedance 阻抗(Ω)	50	50
Port to Port Isolation 隔離度 ($\geq$ dB)	≥ 25	≥ 25
VSWR 駐波	≤ 1.2	≤ 1.2
Connectors Type 接頭形式	N-F	N-F
Dimensions Size 尺寸 (mm) L*W*H	120*84*20	130*94*20

- As the name implies RF power splitters / dividers and combiners are used to split a single RF line into more than one line and divide the power, and similarly combiners are used to combine more than one feed line into a single one.
- RF power combiners and RF splitters are the same items. The same circuits can be used to combine and split RF power, the only difference being that RF power is applied to one port and extracted from other in the case of the RF splitter, and for the RF combiner, power is applied in the opposite direction
- 功率分配器 Power divider · 是一種將一路輸入信號能量分成兩路或多路輸出相等或不相等能量的器件 · 也可反過來將多路信號能量合成一路輸出 · 此時可也稱為合路器。一個功分器的輸出連線埠之間為了避免相互影響必須有一定的隔離度。功率分配器按輸出通常分為一分二(一個輸入兩個輸出)、一分三(一個輸入三個輸出)等。功率分配器的主要技術規格有功率損耗(包括插入損耗、分配損耗和反射損耗)、各連接埠的電壓駐波比、功率分配連線埠間的隔離度、幅度平衡度、相位平衡度、功率容量和頻頻寬度等。PD1050 系列功率分配器適合使用在同時具有 VHF & UHF 頻段的場合, 堅固的腔體及高隔離度設計保證瞭產品的壽命與指標的穩定性。

ALWAYS