

# 3dB Cavity Coupler Combiner

## Model:JCCP150-2N

### VHF 腔体型合路器



3d 合路器·它能夠沿傳輸線路某一確定方向上對傳輸功率連續取樣·能將一個輸入信號分為兩個互為等幅且具有 90°相位差的信號·主要用於多信號合路·提高輸出信號的利用率·廣泛應用室內覆蓋系統中對基站信號的合路。

The 3db Coupler is also called the same frequency combiner. It can continuously sample the transmission power along a certain direction of the transmission line, and can divide an input signal into two signals with equal amplitude and 90° phase difference. It is mainly used for multi-signal combining to improve the utilization of output signals, and is widely used for combining base station signals in indoor coverage systems.

|                                 |                   |
|---------------------------------|-------------------|
| Model No.型號                     | JCCP150-2N        |
| Freq' Range (MHz) 頻率範圍          | 136-180           |
| Coupling loss(dB) 耦合損耗          | 3                 |
| Insertion Loss(dB) 插入損失         | ≤0.8              |
| Isolation port to port (dB) 隔離度 | ≥25               |
| VSWR 駐波                         | ≤1.2              |
| PIM(dBc) 互調                     | ≤-150dBc@2*43dBm  |
| Average Power(W) 平均功率           | ≥200W             |
| Impedance (ohm) 阻抗              | 50                |
| Connector type 接頭形式             | N-type Female     |
| Color 顏色                        | Black             |
| Working Temperature (deg) 工作溫度  | -5~+55            |
| Application 應用                  | Indoor or Outdoor |
| Relative Humidity 濕度            | 5%-95%            |
| Net Weight (kg) 重量              | 0.35              |
| Dimension (mm) 尺寸-不含接頭          | 147*44*22.7       |

- ✧ Wide Band 136-180MHz
- ✧ 寬頻帶應用
- ✧ Cavity type
- ✧ 腔体式設計
- ✧ Low Passive Inter-modulation
- ✧ 低互調
- ✧ Low VSWR
- ✧ 低駐波
- ✧ Insertion Loss
- ✧ 低插入損失
- ✧ High Isolation
- ✧ 高隔離度
- ✧ Indoor type IP55
- ✧ 防水等級 IP55
- ✧ For two channel power combiner
- ✧ 功率合路使用

