

- **Model:** HXDQ-DA05
- **Product Name:** 3dB 90 Degree Hybrid Coupler
- **Frequency:** 1.0~12GHz

- ★ Ultra Wide Frequency
- ★ Small Size
- ★ Customizable Design
- ★ High Reliability

| Technical Data Sheet                                                                       |                                                    |
|--------------------------------------------------------------------------------------------|----------------------------------------------------|
| Item                                                                                       | Parameters                                         |
| ● 频率范围(Frequency Range)                                                                    | 1.0~12GHz                                          |
| ● 理论损耗(Nominal Split)                                                                      | 3.01dB                                             |
| ● 插入损耗(Insertion Loss)                                                                     | $\leq 1.1\text{dB}$                                |
| ● 驻波比(VSWR)                                                                                | $\leq 1.3:1$                                       |
| ● 隔离(Isolation)                                                                            | $\geq 20\text{dB}$                                 |
| ● 幅度平衡(Amplitude Balance)                                                                  | $\leq \pm 0.6\text{dB}$                            |
| ● 相位平衡(Phase Balance)                                                                      | $\leq \pm 5.0^\circ$                               |
| ● 阻抗(Impedance)                                                                            | 50 ohms                                            |
| ● 功率(Power)                                                                                | Average: $\leq 50\text{W}$ Peak: $\leq 1\text{KW}$ |
| ● 表面处理(Surface Finish)                                                                     | 黑色烤漆(Black Paint)                                  |
| ● 接口形式(Connectors)                                                                         | SMA-Female                                         |
| ● 净重(Net Weight)                                                                           | TBD                                                |
| ● 外形结构图(Configuration)                                                                     | As Below (Size Unit: mm)                           |
| ● <b>Outline Drawing:</b> (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.8\text{mm}$ ) |                                                    |

