

- **Model:** HXDQ-DA28
- **Product Name:** 3dB 90degree Hybrid Coupler
- **Frequency:** 1.0~6.0GHz

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

| Technical Data Sheet                                                  |                              |                              |
|-----------------------------------------------------------------------|------------------------------|------------------------------|
| Item                                                                  | Parameters                   |                              |
| ● Frequency Range                                                     | 1.0 ~ 6.0GHz                 |                              |
| ● Phase Difference                                                    | 90°                          |                              |
| ● Nominal Split                                                       | 3.01dB                       |                              |
| ● Insertion Loss                                                      | ≤0.7dB                       |                              |
| ● VSWR                                                                | ≤1.25:1                      |                              |
| ● Amplitude Balance                                                   | ≤±0.6dB                      |                              |
| ● Phase Balance                                                       | ≤±5.0°                       |                              |
| ● Isolation                                                           | ≥20dB                        |                              |
| ● Impedance                                                           | 50 Ohms                      |                              |
| ● Power Handling                                                      | Average: 50W ; Peak: 1000W   |                              |
| ● Connectors                                                          | SMA-Female                   |                              |
| ● Surface Finish                                                      | Painted Black                |                              |
| ● Temperature Range                                                   | -55°C ~ +85°C                |                              |
| ● Material                                                            | Housing: 6061 Aluminum alloy | Other screw: Stainless Steel |
|                                                                       | Connectors: Stainless Steel  |                              |
| ● Dimensions                                                          | 83*25.4*11mm                 |                              |
| ● Net weight                                                          | 0.15 KG                      |                              |
| ●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm) |                              |                              |

