

- **Model:** HXDQ-DA35
- **Product Name:** 3dB 90degree Hybrid Coupler
- **Frequency:** 100~1000MHz

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

Technical Data Sheet

Item	Parameters
● Frequency Range	100 ~ 1000MHz
● Phase Difference	90°
● Nominal Split	3.01dB
● Insertion Loss	≤1.2dB
● VSWR	≤1.2:1
● Amplitude Balance	≤±1.6dB @ 100 ~ 120MHz ≤±1.2dB @ 120 ~ 1000MHz
● Phase Balance	≤±3.0°
● Isolation	≥20dB
● Impedance	50 Ohms
● Power Handling	Average: 50W Max. ; Peak: 1KW Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-40°C ~ +80°C
● Net weight	TBD

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

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|-------------------|--------------------------------|--------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Connectors: Stainless Steel | ● Dimensions: 390*32*20mm |

