

HXDQ-DA35

3dB 90degree Hybrid Coupler

Technical Data Sheet

S/N	Item	Parameters
1	Frequency Range	100 ~ 1000MHz
2	Phase Difference	90°
3	Nominal Split	3.01dB
4	Insertion Loss	≤1.2dB
5	VSWR	≤1.2:1
6	Amplitude Balance	≤±1.6dB @ 100 ~ 120MHz ≤±1.2dB @ 120 ~ 1000MHz
7	Phase Balance	≤±3.0°
8	Isolation	≥20dB
9	Impedance	50 Ohms
10	Power Handling	Average: 50W Max. ; Peak: 1KW Max.
11	Connectors	SMA-Female
12	Surface Finish	Painted Black
13	Temperature Range	-40°C ~ +80°C
14	Material	Housing: 6061 Aluminum alloy Other screw: Stainless Steel Connectors: Stainless Steel
15	Dimensions	390*32*20mm
16	Net weight	TBD

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

