

**HD2001**

General Description

The HD2001 is an 1:4 power divider. The divider covers the frequency range from 800MHz to 2.5GHz.

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Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency	0.8		2.5	GHz
Insertion Loss		0.8 (1.4)		dB (incl. Cable)
Isolation	22			dB
Amplitude Unbalance			0.3	dB
Phase Unbalance			6	deg
VSWR Input			1.4:1	
VSWR Output			1.4:1	
Input Power				W
Max Load VSWR 1.2:1		30		
2.0:1		5		
Operating Temperature	-40		+85	°C
Connector Input	SMA-f			
Connectors Output	Coax Cable (200mm), HIROSE			
Size	130 x 65 x 15.5 (mounting included)			mm

Data are specified with all ports terminated 50 Ohms.

Rev. 1.0