

**Features**

- Low insertion loss, High isolation
- Perfect phase/amplitude balance
- Low VSWR
- 50 Ω impedance
- Hermetic HD-28C packages
- Operating temperature range: -55°C ~ +85°C

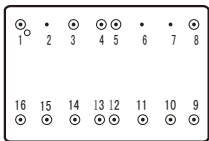
**Specifications** (measured in a 50 Ω system TA=-55°C ~ +85°C)

Parameter	Symbol	Unit	Guaranteed	Typical	
				10~200	10~600
Frequency Range	$f_L \sim f_H$	MHz	10~500	10~200	10~600
Insertion loss	I.L	dB	2.0(Max)	0.7	1.0
Isolation	Iso	dB	20(Min) Δ	23	25
Phase Balance	ΔP	deg	8° (Max) Δ	1°	2°
Amplitude Balance	ΔM	dB	0.8(Max)	0.2	0.3
VSWR	VSWR	----	1.5:1(Max)	1.3:1	1.3:1

“ Δ ” Measured at Tc=24±1°C

**Absolute Maximum Ratings**

Input Power: 1W  
Storage Temp: +125°C



HD-28C

5: Input  
9、10、11、12、13、14、15、16: Output  
1、2、3、6、7、8: GND  
4: N/C

**Application Notes**

Input/output pins should be connected to 50 Ω microstrip.

**Typical Performance**

