



Features

- Low insertion loss, High isolation
- Perfect phase/amplitude balance
- Low VSWR
- 50 Ω impedance
- Hermetic HD-32A package
- Operating temperature range: -55°C ~ +85°C

Specifications (measured in a 50 Ω system $T_A = -55^\circ\text{C} \sim +85^\circ\text{C}$)

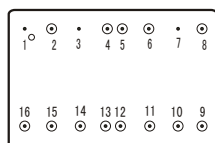
Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	$f_L \sim f_H$	MHz	600 ~ 1200	500 ~ 1300
Insertion loss	I.L	dB	1.8(Max)	1.2
Isolation	Iso	dB	20(Min) Δ	25
Phase Balance	ΔP	deg	6° (Max) Δ	4°
Amplitude Balance	ΔM	dB	0.8(Max)	0.3
VSWR	VSWR	----	1.5:1(Max)	1.3:1

" Δ " Measured at $T_c = 24 \pm 1^\circ\text{C}$

Absolute Maximum Ratings

Input Power : 1W

Storage Temp: +125°C



HD-32A

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

Application Notes

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

Typical Performance

