



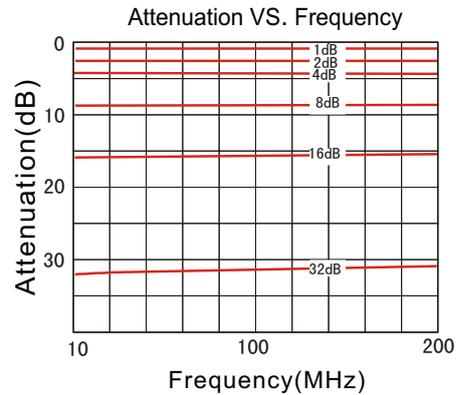
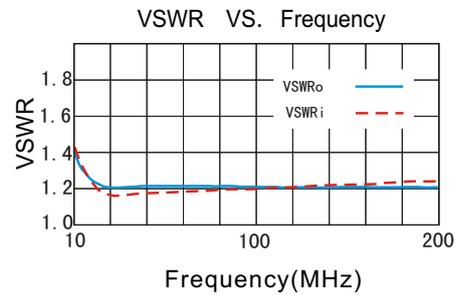
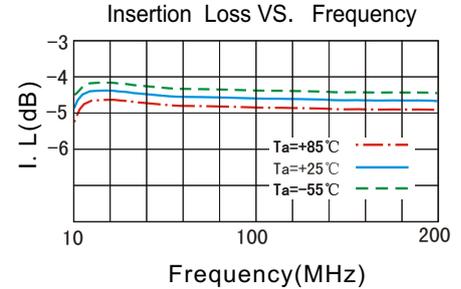
Features

- Frequency Range:20~200MHz
- Thin film construction
- Hermetic package DIP-16
- Operating temperature range : -55°C ~ +85°C

Specifications(measured in a 50 Ω system , Vcc=±5V, TA=-55°C~+85°C)

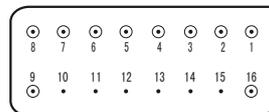
Parameter	Symbol	Unit	Guaranteed	Typical
Frequency Range	$f_L \sim f_H$	MHz	20~200	15~200
Insertion loss	I. L	dB	6.0	4.5
Attenuation Range	A	dB	63±2	63±1
Attenuation step	-	dB	1	1
Attenuation Accuracy	-	dB	±0.3(1, 2, 4dB) ±0.5(8, 16, 32dB)	±0.1 ±0.3
VSWR	VSWR	-	2.0 : 1	1.5 : 1
Control voltage	V _{co}	-	TTL	-
Switching speed T _{on}	t	us	-	2.5(T _{on}) 2.5(T _{off})
DC Current	I _{cc}	mA	-	15

Typical Performance



Absolute Maximum Ratings

DC Supply: +6V_{DC}
Input Power:+20dBm
Storage Temp:+125°C



DIP-16

Application Notes

- 1.Specified frequency rang, attenuation packages are available
- 2.Interexchangeable input and output ports
- 3.Logic 0:Insertion Loss ; Logic 1:Attenuation
- 4.Minimun attenuation step 0.5dB and 6 bits digital attenuator is available
- 5.ESD observe handing precautions
- 6.Please add power first when use,make sure control port contact with low level

PIN Connection

PIN	Function	PIN	Function
8	1dB	4	Vcc
7	2dB	9	RFi
6	4dB	16	RFo
5	8dB	10-15	GND
3	16dB	1	N/C
2	32dB		

