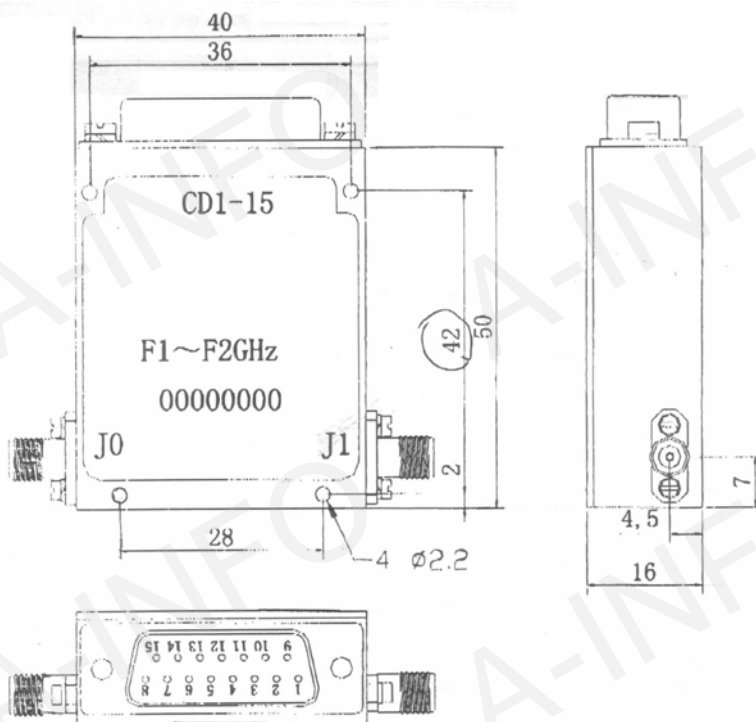


Technical Specification



Frequency Range(MHz)	210 - 430
Attenuation Range /Step(dB)	1 LSB min 127 Range max 7 cell
Attenuation Accuracy(dB)	±1
Attenuation Flatness(dB)	±1
Variation of Phase according to the Attenuation Range / Step(°)	±10
VSWR	1.4 max
Control(V)	3 TTL Compatible
Switching Time(ns)	200 max
Insertion Loss(dB)	4 max
DC bias available(V)	5 - 5
Bias and Control	DB-SUB Connector
Connector	SMA-Female
Current(mA)	±200
Power Handling(W)	1
Operating Temperature(°C)	0 ~ +50
Storage Temperature(°C)	-20 ~ +60
ROHS Compliant	Yes

Outline Drawing (Size: mm)



Test condition

DC Supply	IF Bandwidth	Input Power
+5V,-5V	100HZ	0dBm

Test Results

1. Phase Flatness

Attenuation (dB)	10	20	30	40	50	60	70	80	90	100	110	120
Phase(°)	1.29	7.05	13.57	-0.59	4.10	10.20	-6.70	-0.50	10.70	7.03	4.20	-5.20

2. Attenuation Accuracy

Attenuation(dB)	1		2		4		8	
Test Results(dB)	Min	Max	Min	Max	Min	Max	Min	Max
	0.86	0.89	2.07	2.09	4.06	4.10	8.06	8.07
Attenuation(dB)	16		32		64		127	
Test Results(dB)	Min	Max	Min	Max	Min	Max	Min	Max
	16.03	16.06	32.10	32.10	63.90	64.00	126.70	127.50

Attenuation(dB)	10		20		30		40	
Test Results(dB)	Min	Max	Min	Max	Min	Max	Min	Max
	10.04	10.06	20.00	20.00	29.80	29.80	39.80	39.90
Attenuation(dB)	50		60		70		80	
Test Results(dB)	Min	Max	Min	Max	Min	Max	Min	Max
	49.80	49.90	59.60	59.70	69.90	70.00	79.90	80.00
Attenuation(dB)	90		100		110		120	
Test Results(dB)	Min	Max	Min	Max	Min	Max	Min	Max
	89.40	90.50	99.30	100.50	109.60	110.80	119.30	120.80

3. Insertion Loss

Insertion Loss: 3.5dB max

4. VSWR

VSWR: 1.38 max