

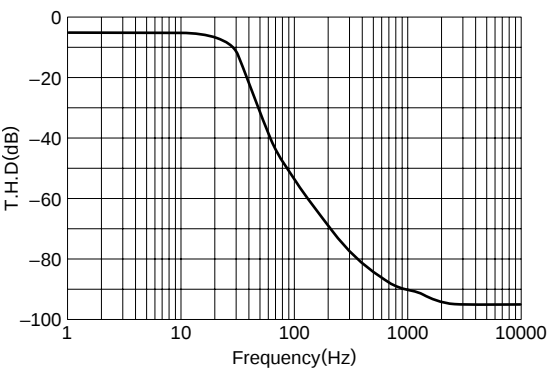
Transformers

CIT-A Series

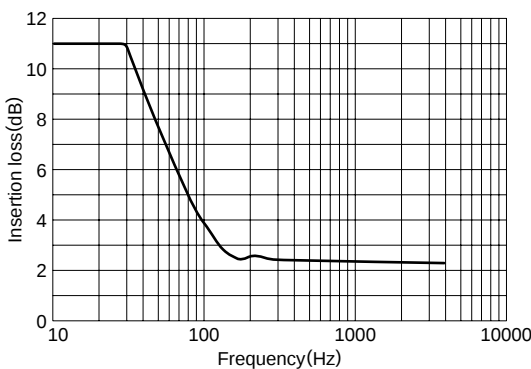
For Modem
SMD

TYPICAL ELECTRICAL CHARACTERISTICS

T.H.D.(-10dBm IN)



INSERTION LOSS(0dBm IN)

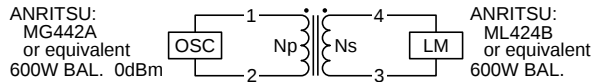


ELECTRICAL CHARACTERISTICS

Item	Standard	Test condition	Measuring method
Insertion loss	2.4dB±0.25dB	1kHz, 0dBm, 600Ω BAL	*1
Frequency response characteristics	±0.2dB	200Hz, -4kHz, 0dBm, 600Ω BAL	*1
Harmonic distortion	-85dB typ.	600Hz, -10dBm input, 600Ω source/600Ω load	*2
	-76dB typ.	300Hz, -10dBm input, 600Ω source/600Ω load	*2
	-62dB typ.	150Hz, -10dBm input, 600Ω source/600Ω load	*2
DC resistance	170Ω±15%	Terminal No. 1 to 2	Milliohm meter: MATSUSHITA VP2941A or equivalent
	205Ω±15%	Terminal No. 4 to 3	Milliohm meter: MATSUSHITA VP2941A or equivalent
Withstand voltage	AC.1kV	Primary to secondary, 50Hz, 1s, sensing current:2mA	Puncture tester: KIKUSUI TOS 8650 or equivalent
Impedance	600Ω±10%	1kHz, terminal No. 1 to 2, Erms:1V	Impedance analyzer: YHP4192A or equivalent
	225Ω	Terminal No. 4 to 3, Erms: 1V	
Inductance	3H typ.	1kHz, terminal No. 1 to 2, Erms:1V	Impedance analyzer: YHP4192A or equivalent
Reflection attenuation	25dB min.	300Hz	Impedance measurement method
Longitudinal balance	60dB min.	200Hz to 1kHz	IEEE Standard 455-1985 method
	40dB min.	1 to 4kHz	IEEE Standard 455-1985 method
Winding ratio	1±1%	Terminal No. 1 to 2/4 to 3	
DC current	0mA		

• 20±15°C, 65±20%

*1



*2

