



# TEST DATA OF JAC-60-□□□

## Noise Filter

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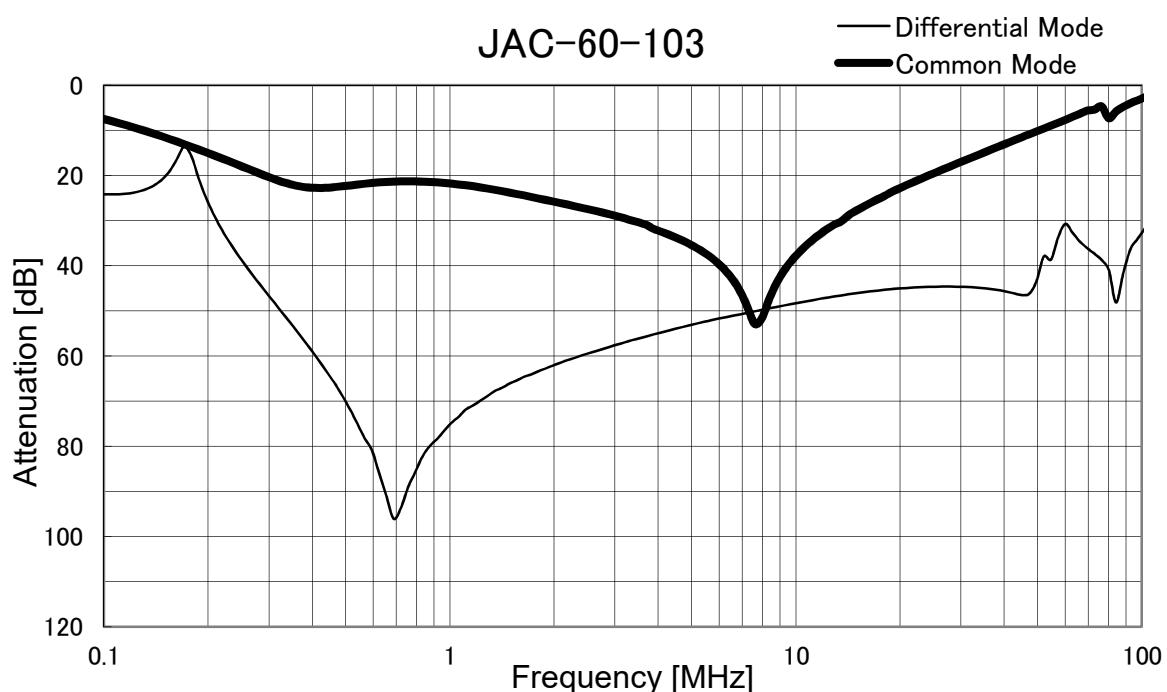
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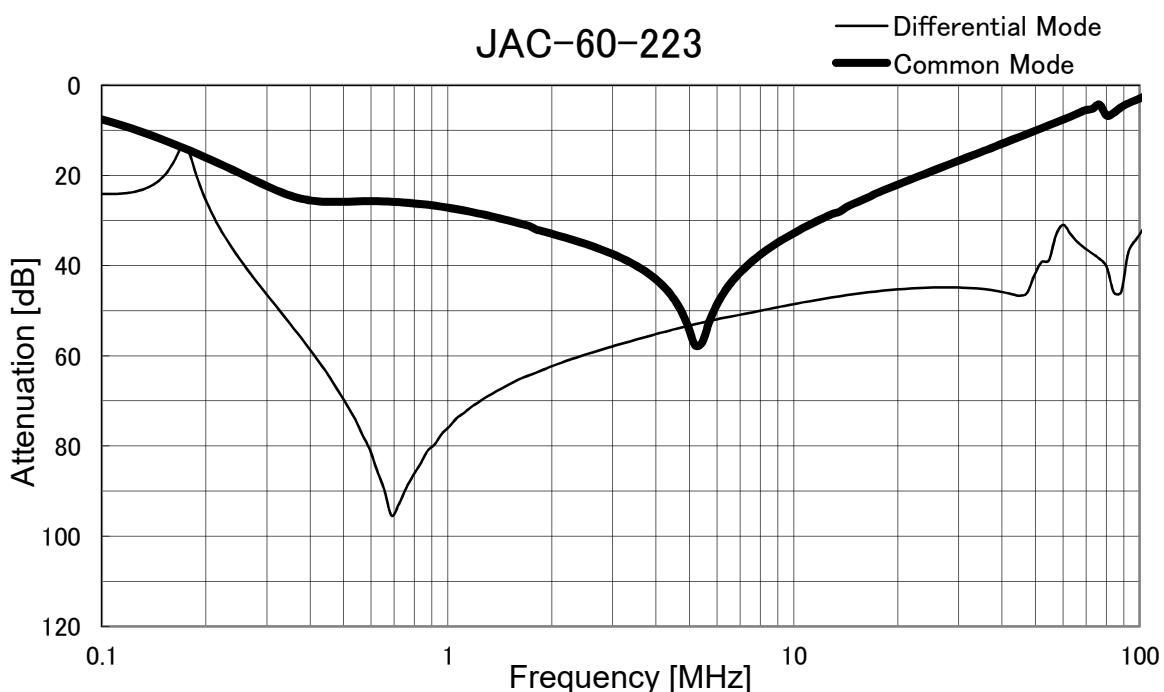
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Model	JAC-60-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object	—		

JAC-60-103

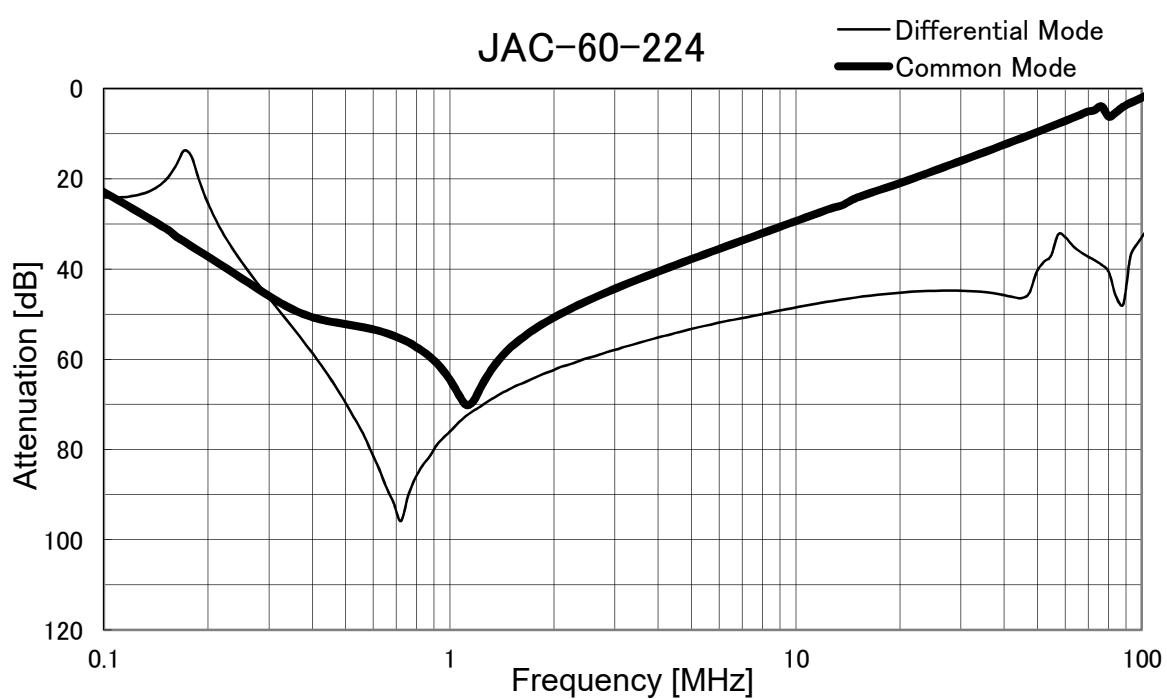
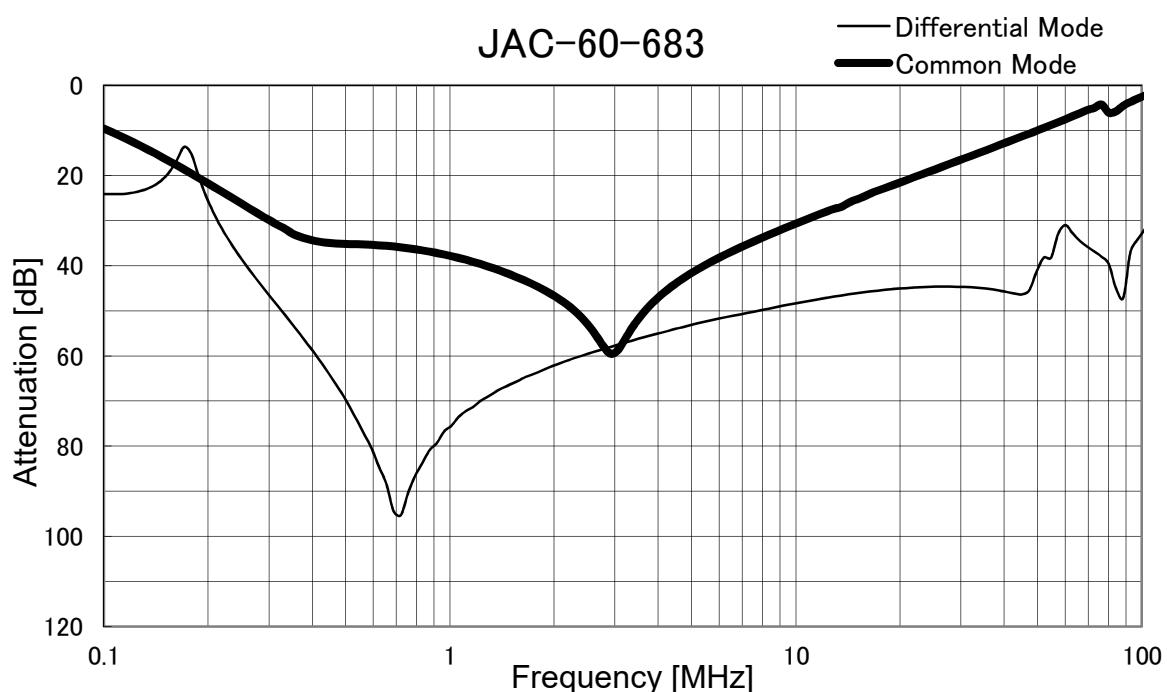


JAC-60-223



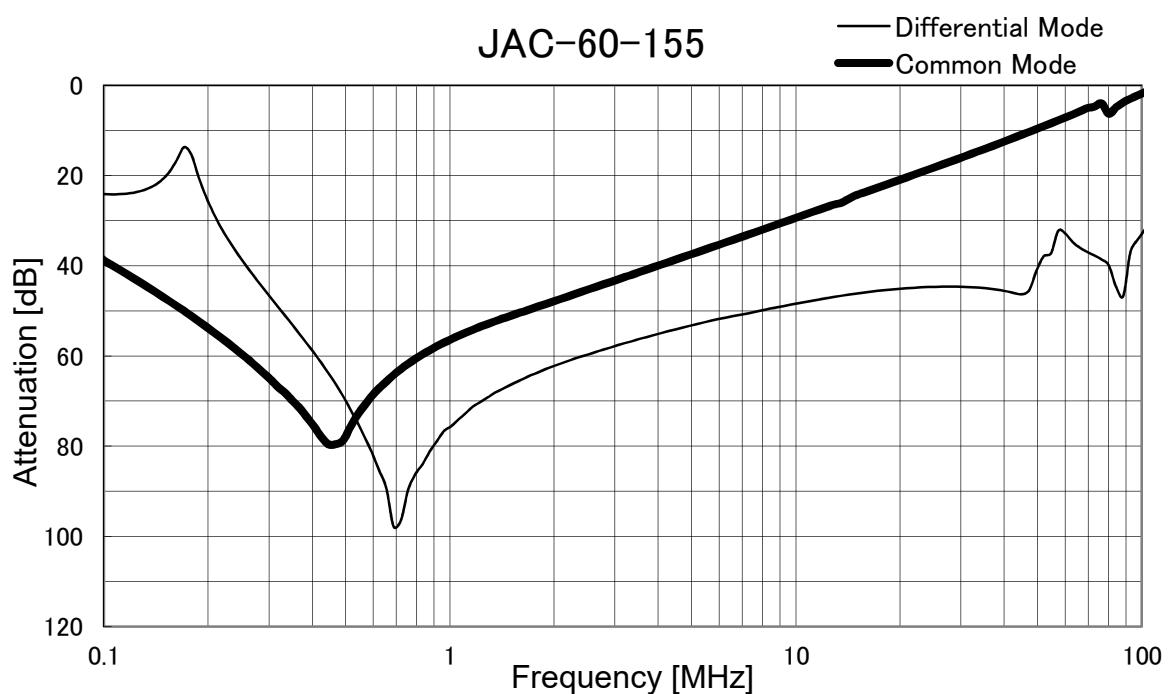
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Model	JAC-60-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object	—		



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Model	JAC-60-□□□	Temperature	25°C
Item	Attenuation Characteristics	Testing Circuitry	Figure A
Object	—		





Model	JAC-60-□□□	Temperature Testing Circuitry	25°C Figure B
Item	Leakage Current		
Object	_____		

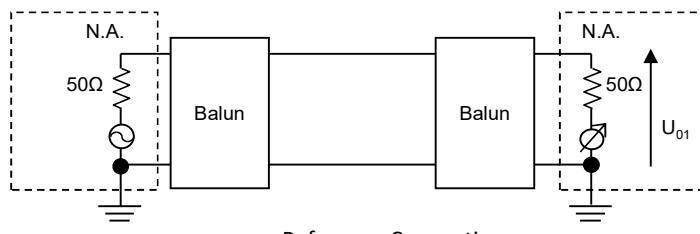
## 1. Results

[mA]

Model	Standards	Voltage system	Input Volt.					Note
			200[V]	250[V]	400[V]	480[V]	500[V]	
JAC-60-103	UL60939	Δ-connection	0.22	0.29	0.45	0.55	0.58	
		Y-connection	0.003	0.003	0.003	0.003	0.003	
JAC-60-223	UL60939	Δ-connection	0.46	0.58	0.92	1.05	1.10	
		Y-connection	0.001	0.002	0.003	0.003	0.003	
JAC-60-683	UL60939	Δ-connection	1.40	1.75	2.80	3.30	3.50	
		Y-connection	0.005	0.005	0.007	0.008	0.008	
JAC-60-224	UL60939	Δ-connection	8.20	10.0	16.4			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.04	0.05	0.08	0.09	0.10	
JAC-60-155	UL60939	Δ-connection	39.0	49.0	77.0			Δ-connection's rated voltage is 400V(440Vmax)
		Y-connection	0.22	0.27	0.44	0.53	0.55	

## 2. Condition

Leakage current value is concluded after measuring both phases of AC input and by choosing the larger one.



Attenuation =  $20\log(U_{01}/U_{02})$  [dB]  
 $U_{01}$  : Voltage in state without filters  
 $U_{02}$  : Voltage in state which added filters  
N.A. : Network Analyzer

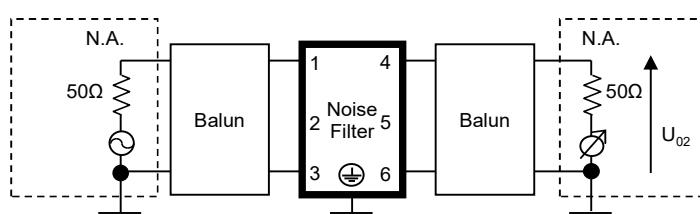
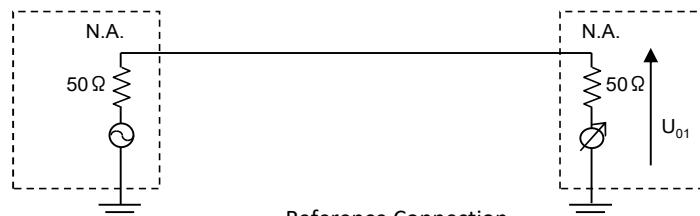


Figure A - 1 Differential mode attenuation measurement



Attenuation =  $20\log(U_{01}/U_{02})$  [dB]  
 $U_{01}$  : Voltage in state without filters  
 $U_{02}$  : Voltage in state which added filters  
N.A. : Network Analyzer

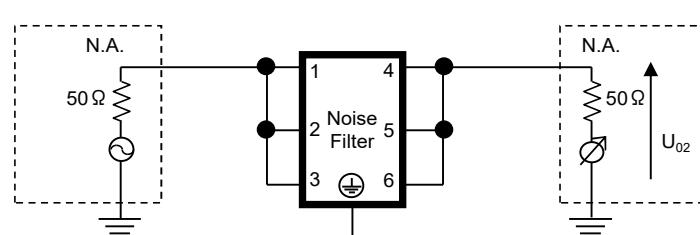


Figure A - 2 Common mode attenuation measurement

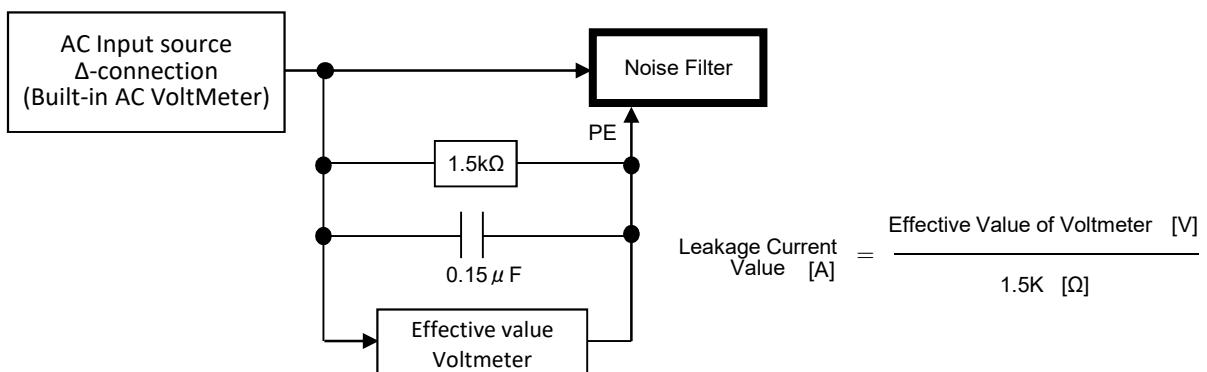


Figure B - 1 Leakage current measurement ( UL60939 Δ -connection)

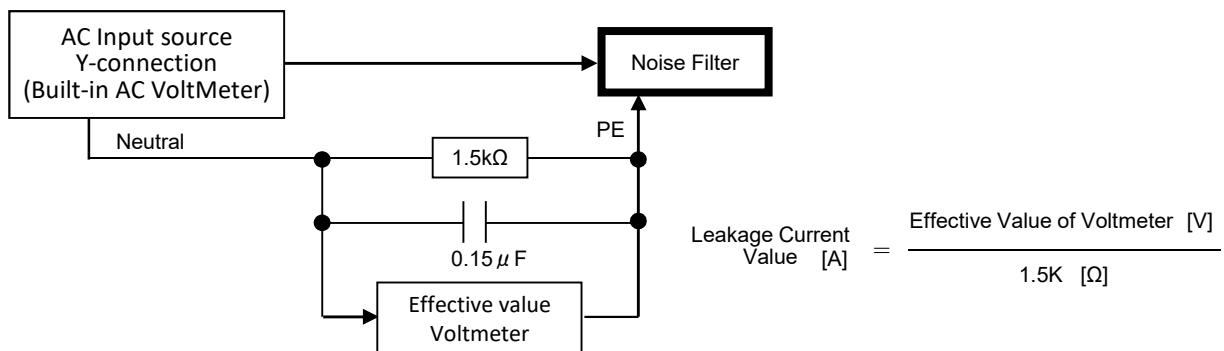


Figure B - 2 Leakage current measurement ( UL60939 Y-connection)