COSEL

参考資料

TEST DATA OF EAP-06-□□□/ESP-06-□□□

Noise Filter

Nov. 30. 2010

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CONTENTS

1.Attenuation Characteristics ・・・・・・・・・・・・・・・・・・・・・・・・・・ 1
2.Pulse Attenuation Characteristics ・・・・・・・・・・・・・・・・・・・・・・ 6
3.Leakage Current ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・ 9
4.Figure of Testing Circuitry ・・・・・・・・・・・・・・・・・・・・・・・・・・ 10
(Final Page 11)

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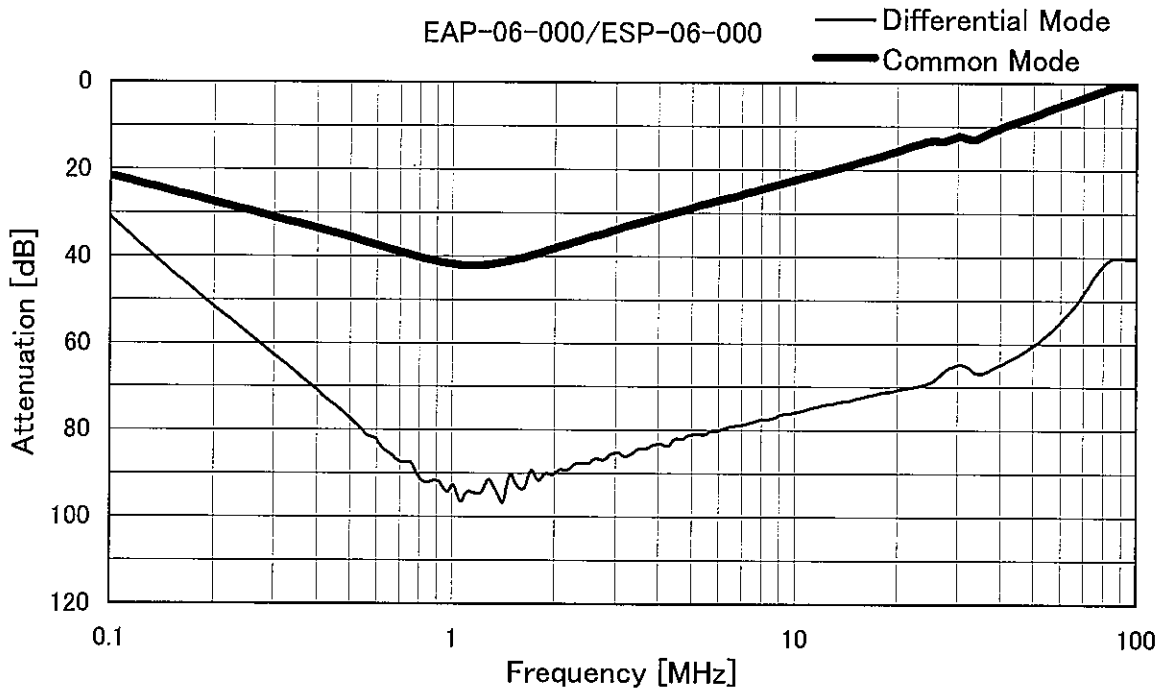
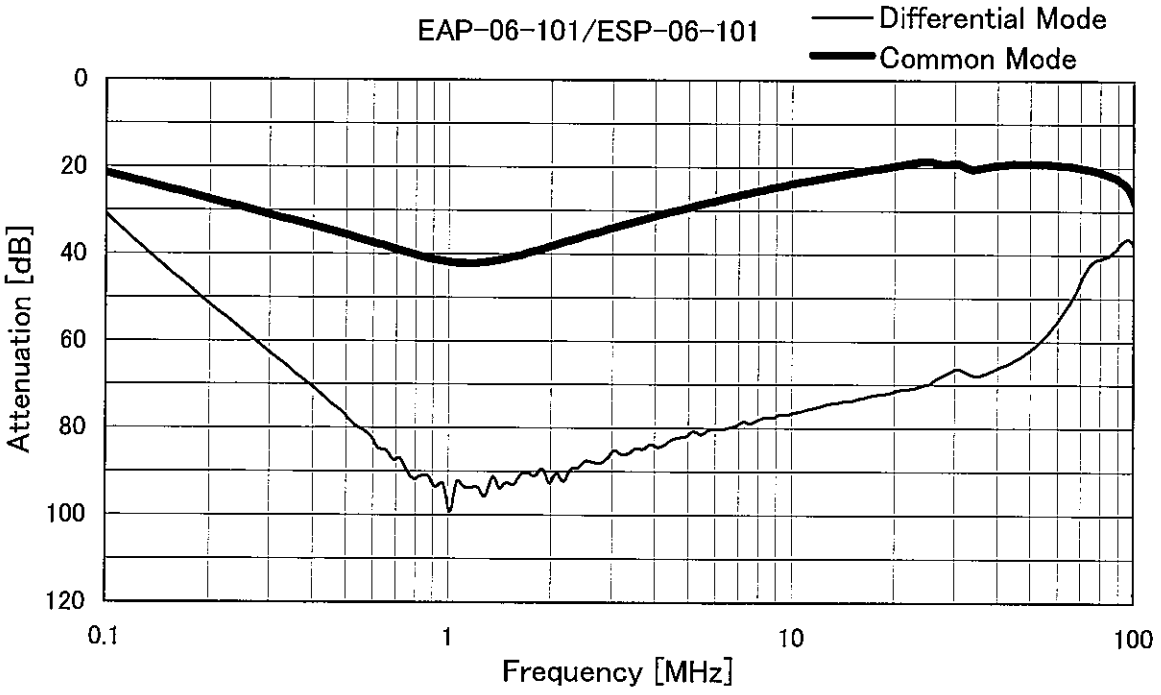
Model	EAP-06-□□□/ESP-06-□□□	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	———————	





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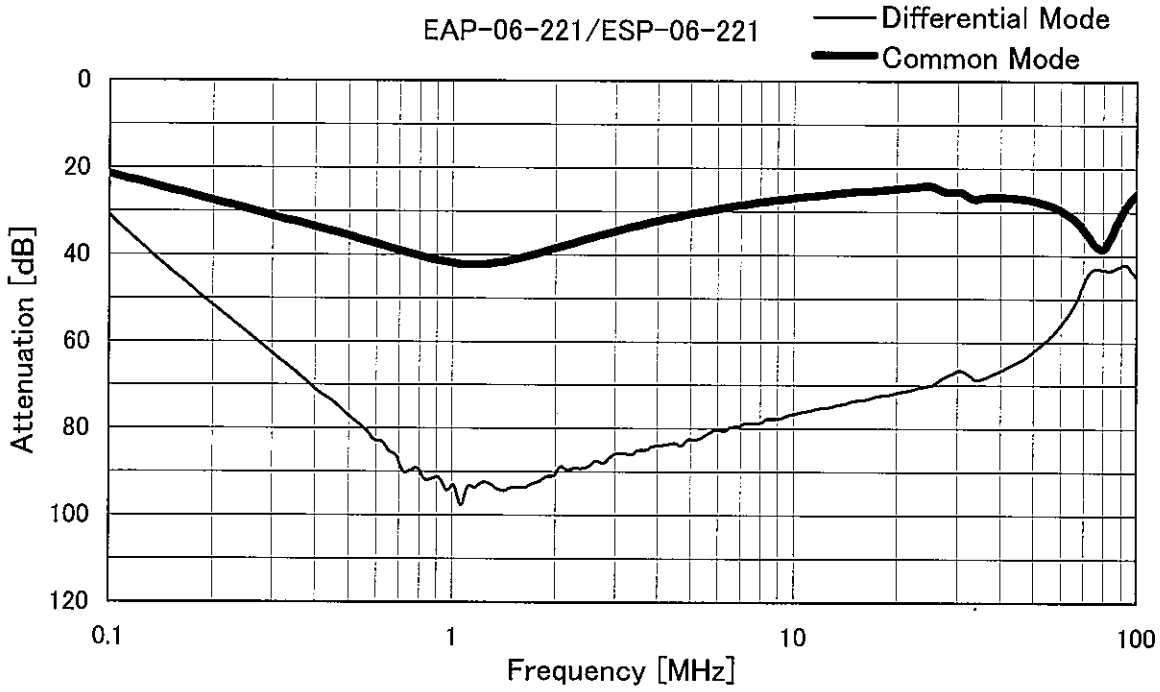
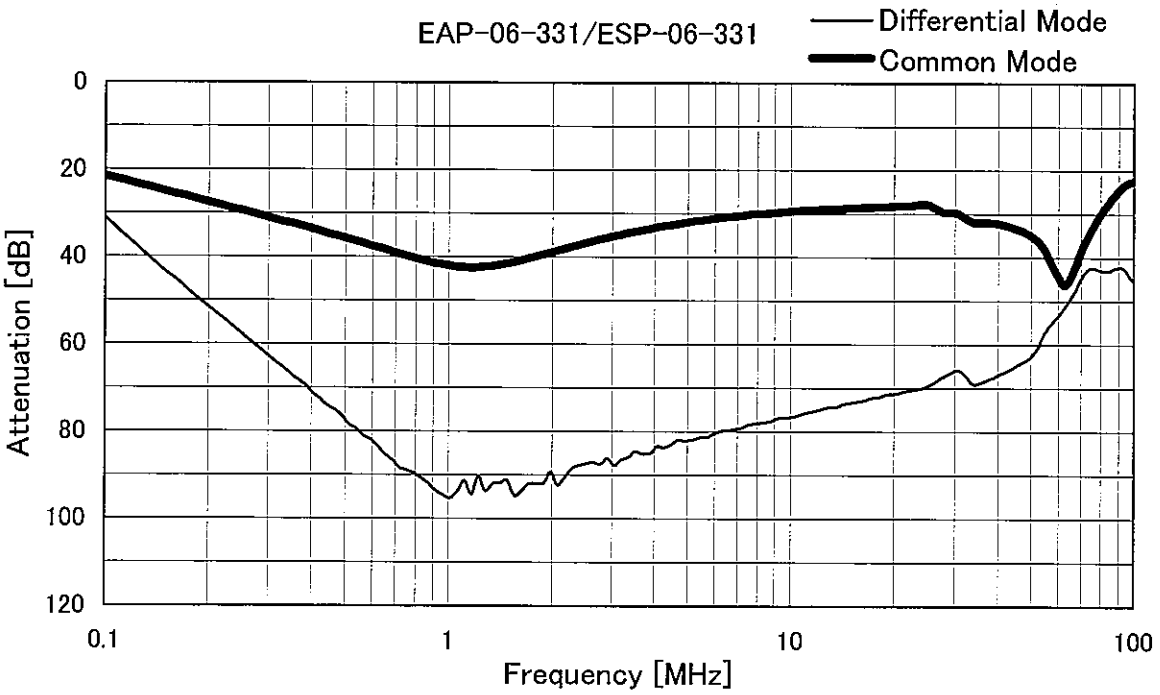
Model	EAP-06-□□□/ESP-06-□□□	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	———————	





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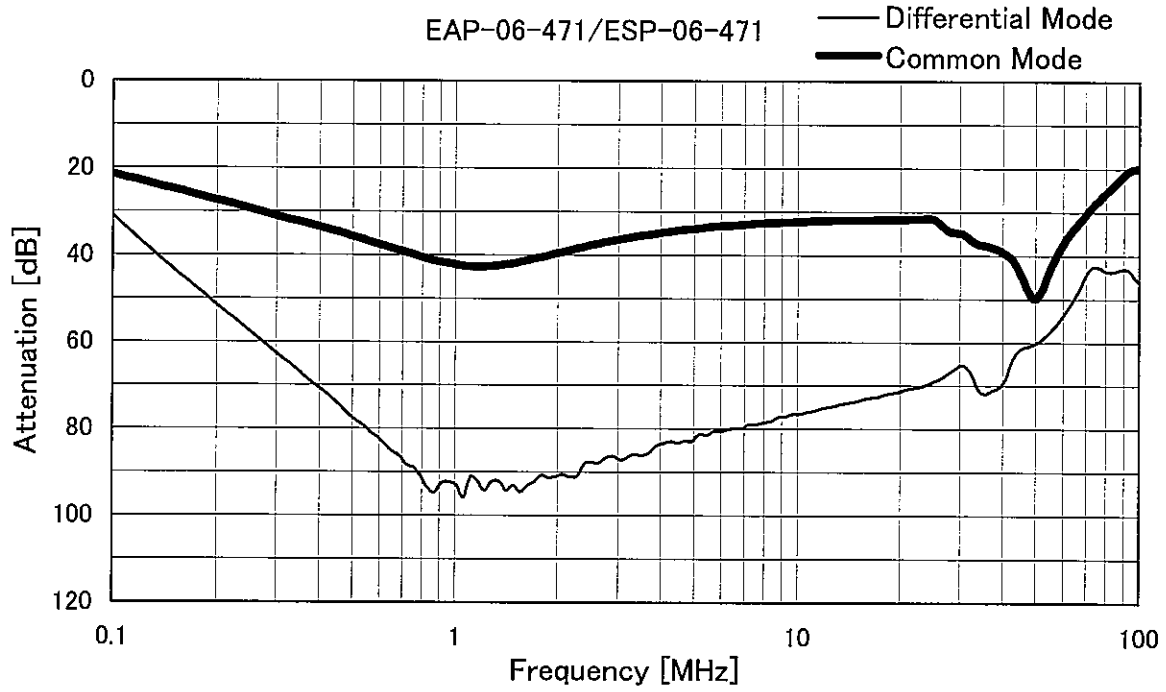
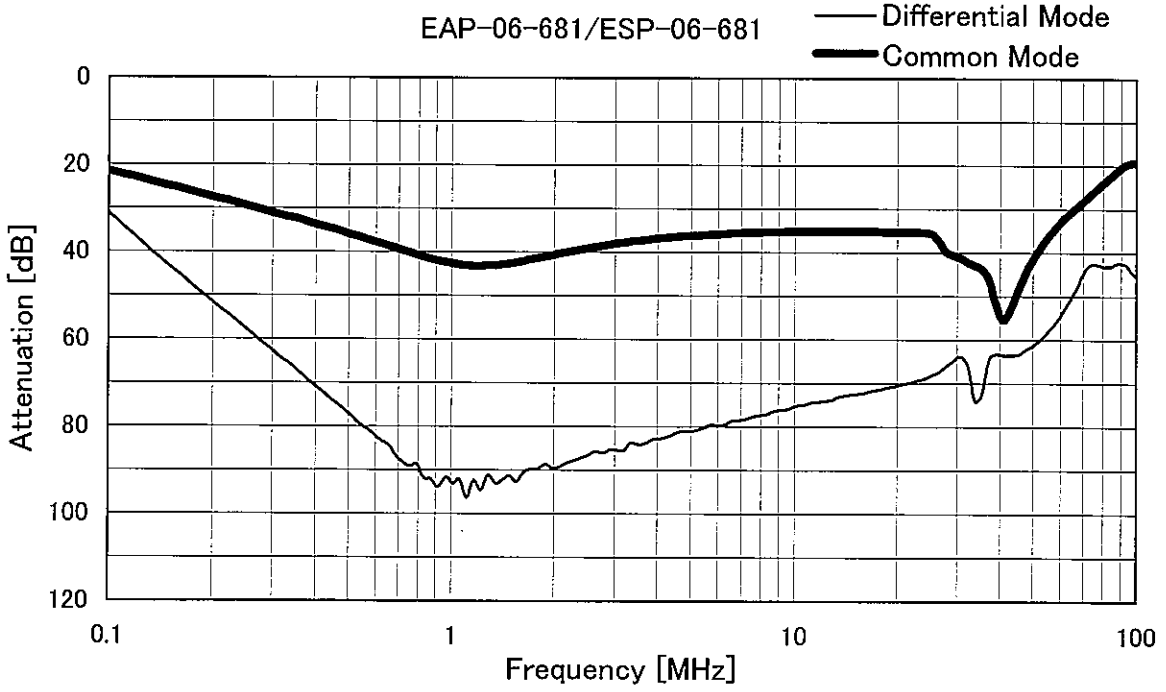
Model	EAP-06-□□□/ESP-06-□□□		
Item	Attenuation Characteristics	Temperature	25°C
Object	———	Testing Circuitry	Figure A





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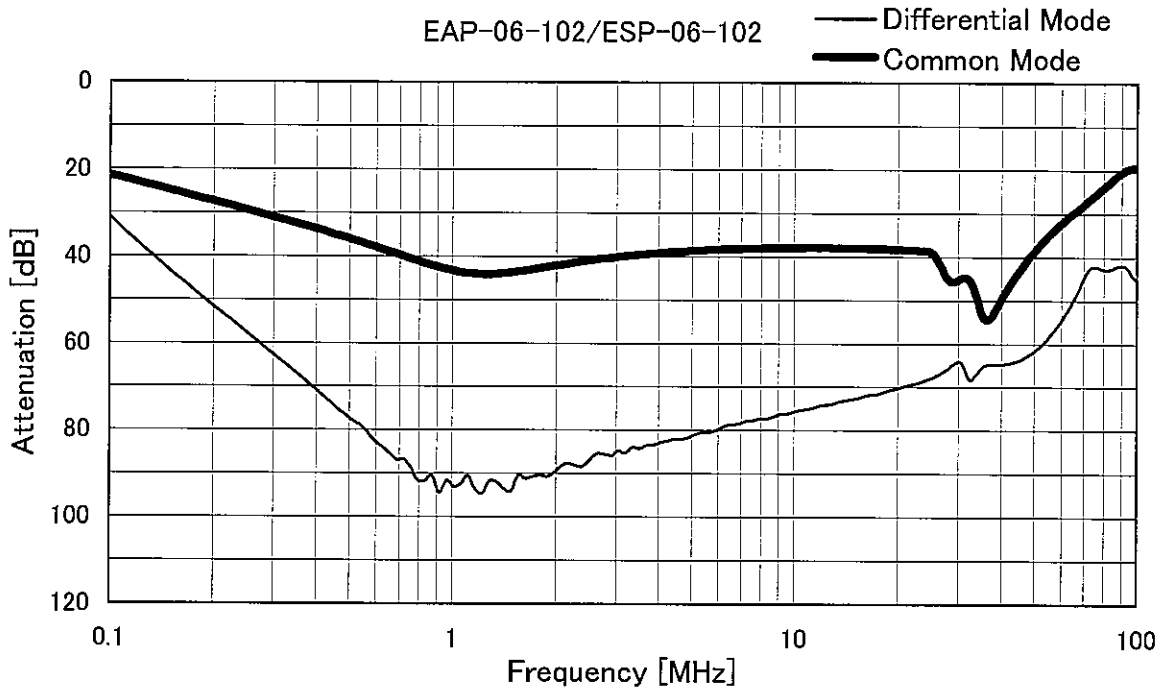
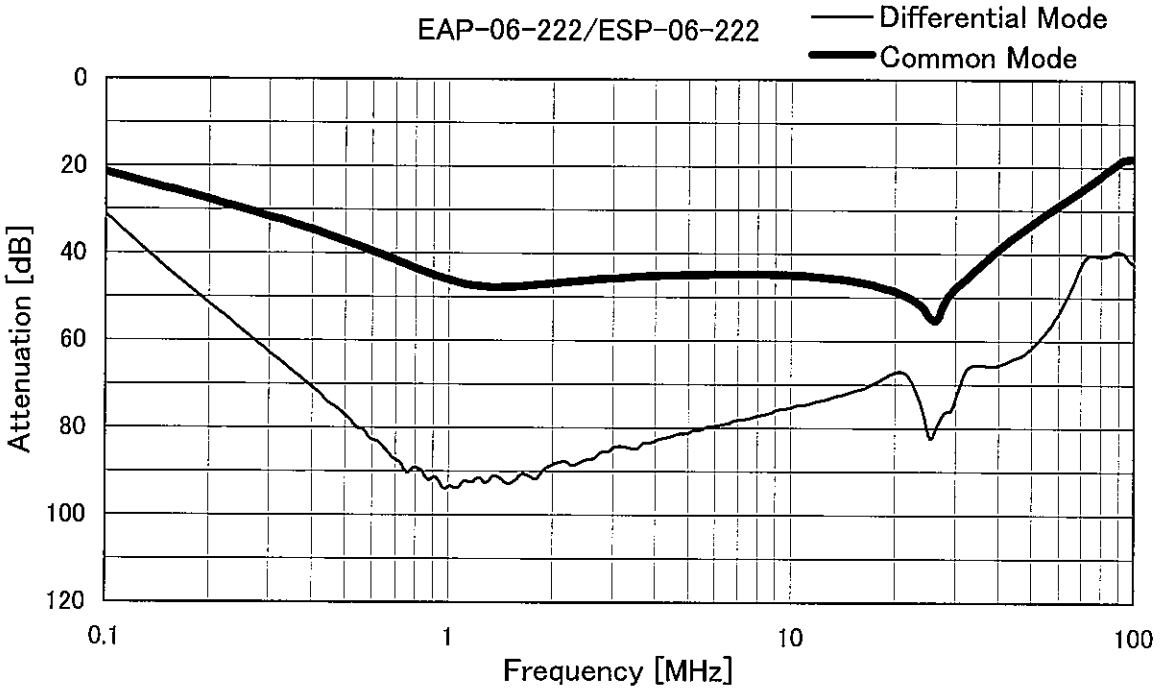
Model	EAP-06-□□□/ESP-06-□□□	
Item	Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure A
Object	———————————	





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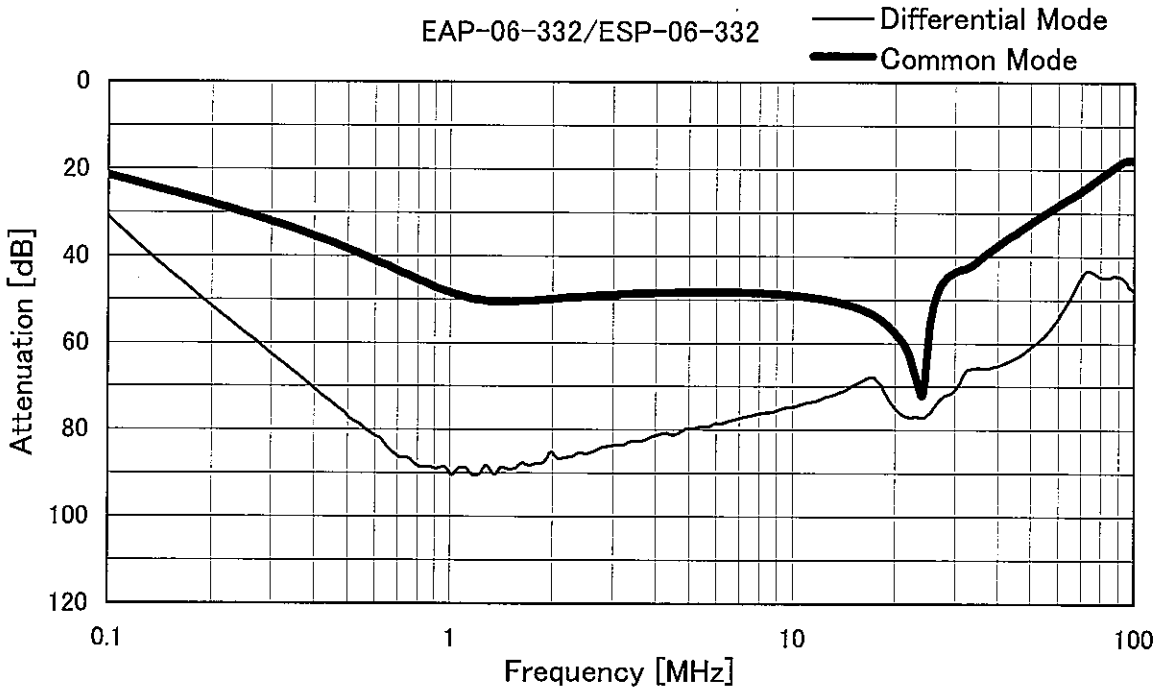
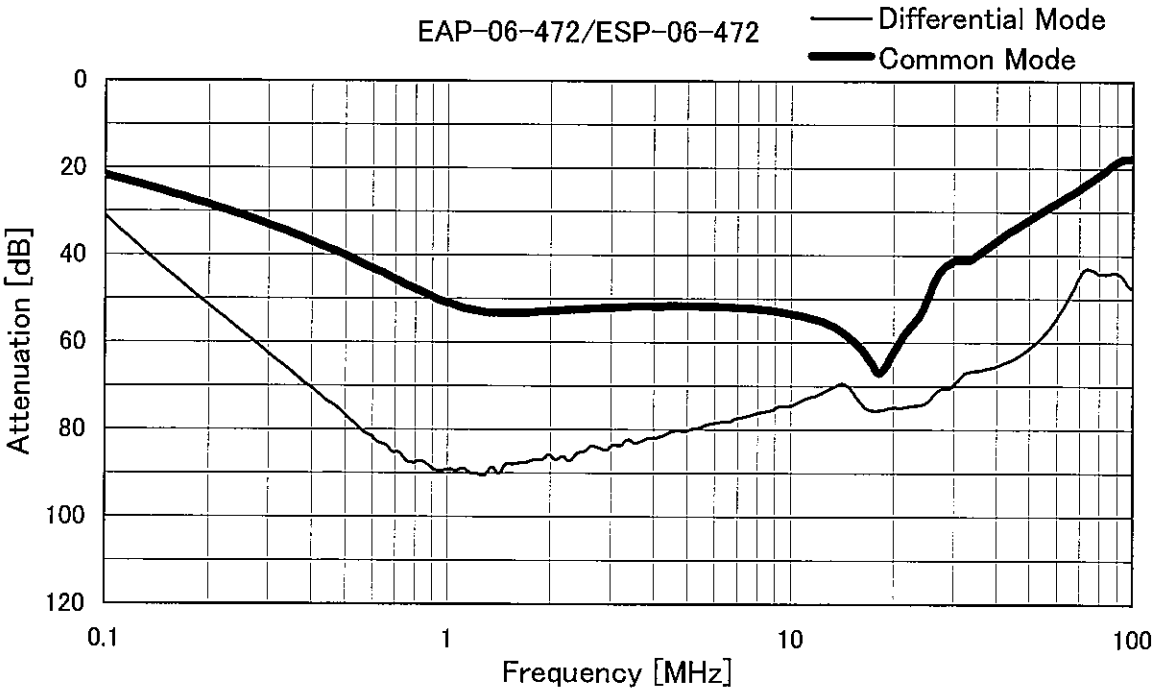
Model	EAP-06-□□□/ESP-06-□□□		
Item	Attenuation Characteristics	Temperature	25°C
Object	———————	Testing Circuitry	Figure A





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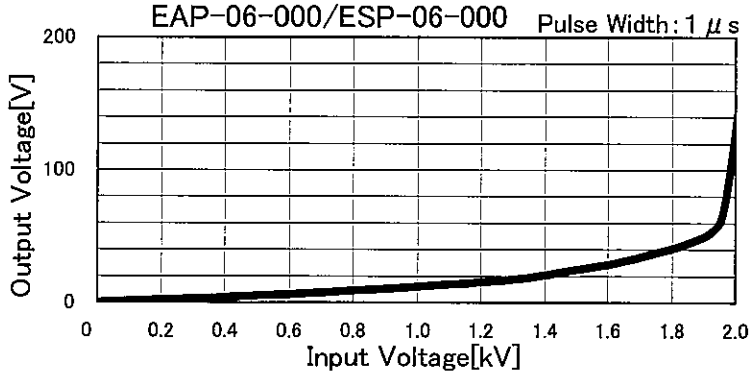
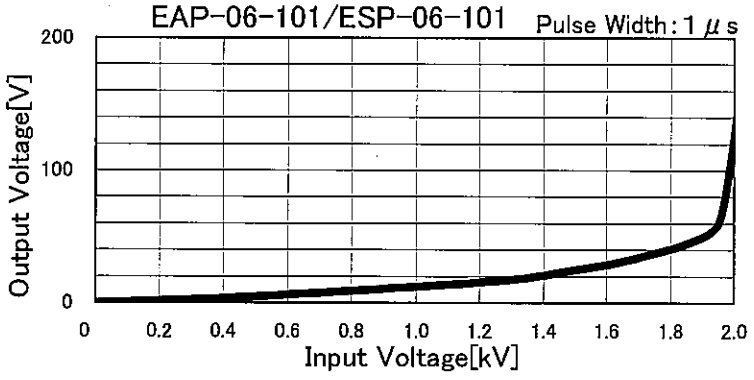
Model	EAP-06-□□□/ESP-06-□□□		
Item	Pulse Attenuation Characteristics	Temperature	25°C
		Testing Circuitry	Figure B
Object	———————		

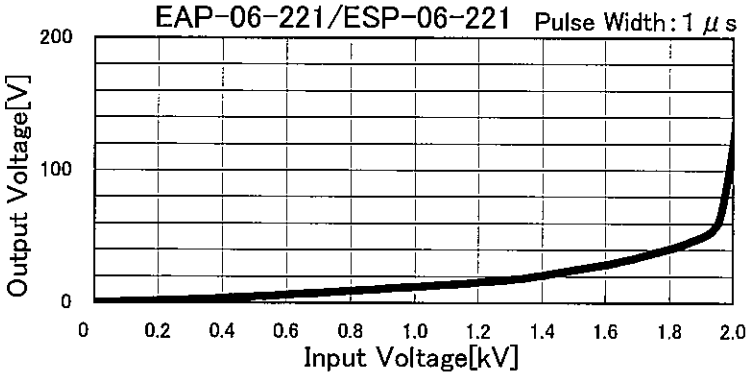
EAP-06-000/ESP-06-000 Pulse Width : 1 μs



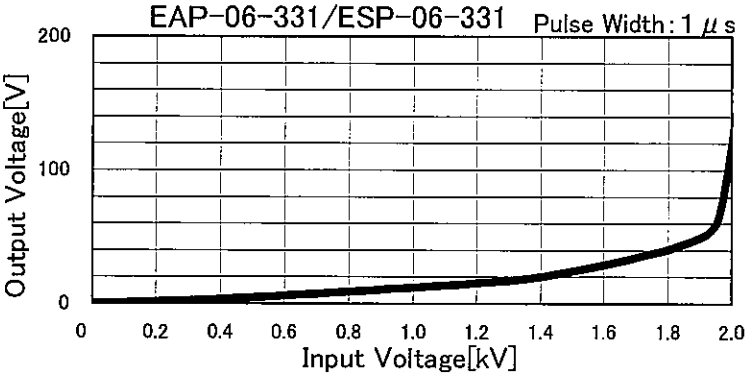
EAP-06-101/ESP-06-101 Pulse Width : 1 μs



EAP-06-221/ESP-06-221 Pulse Width : 1 μs



EAP-06-331/ESP-06-331 Pulse Width : 1 μs



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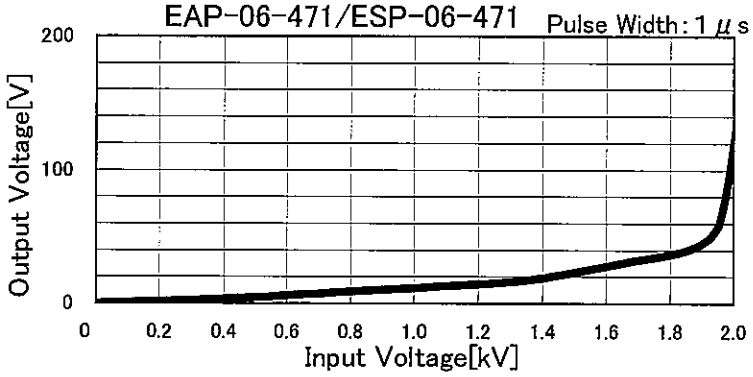
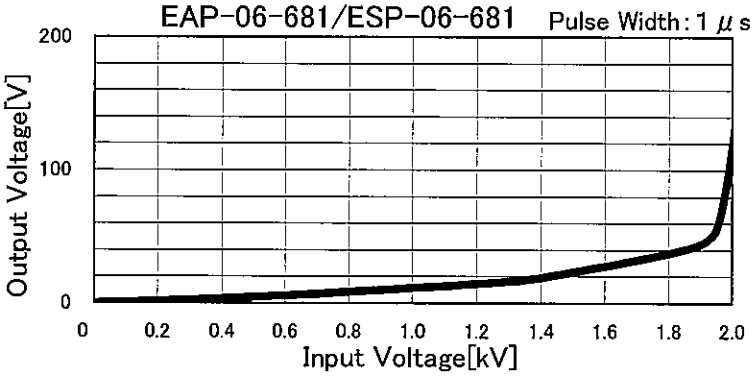
Model	EAP-06-□□□/ESP-06-□□□	
Item	Pulse Attenuation Characteristics	Temperature 25°C Testing Circuitry Figure B
Object	———————————	

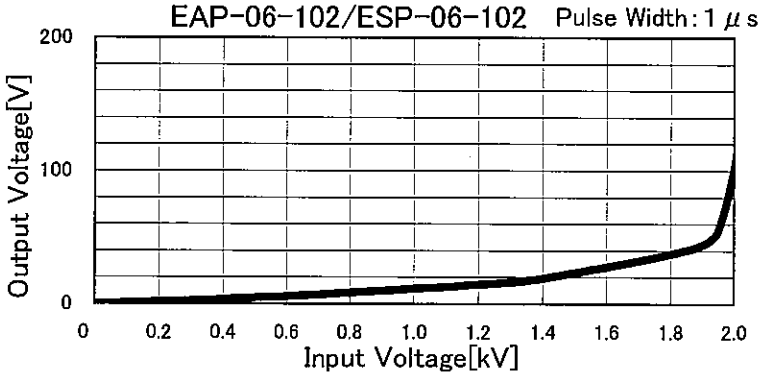
EAP-06-471/ESP-06-471 Pulse Width : 1 μs



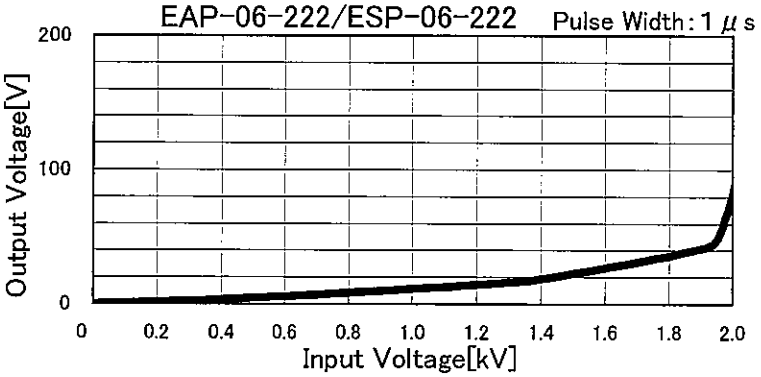
EAP-06-681/ESP-06-681 Pulse Width : 1 μs



EAP-06-102/ESP-06-102 Pulse Width : 1 μs



EAP-06-222/ESP-06-222 Pulse Width : 1 μs



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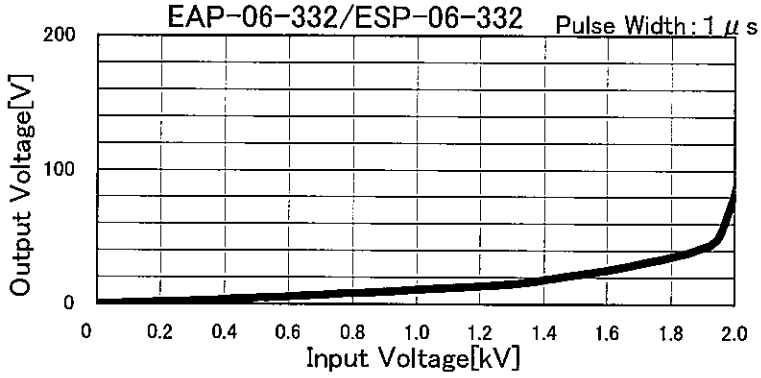
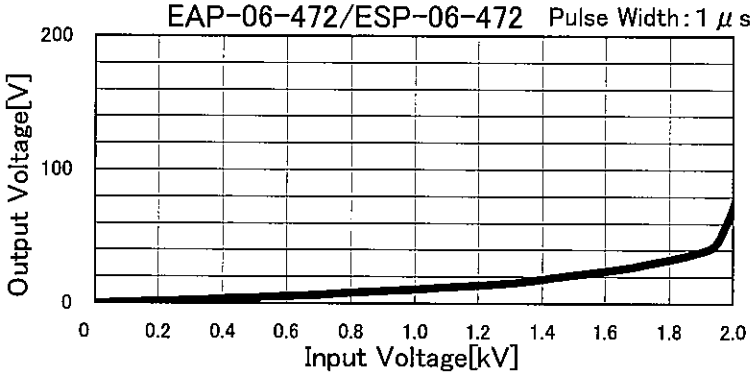
Model	EAP-06-□□□/ESP-06-□□□
Item	Pulse Attenuation Characteristics
Object	———————————

Temperature 25°C
Testing Circuitry Figure B

EAP-06-332/ESP-06-332 Pulse Width : 1 μs



EAP-06-472/ESP-06-472 Pulse Width : 1 μs



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Model	EAP-06-□□□/ESP-06-□□□	
Item	Leakage Current	Temperature 25°C Testing Circuitry Figure C
Object	———————————	

1.Results

[mA]

Model	Standards	Input Volt.				Note
		100 [V]	125 [V]	230 [V]	250 [V]	
EAP-06-000 ESP-06-000	UL1283	0.002	0.002	0.004	0.005	
EAP-06-101 ESP-06-101	UL1283	0.006	0.007	0.013	0.015	
EAP-06-221 ESP-06-221	UL1283	0.011	0.013	0.025	0.028	
EAP-06-331 ESP-06-331	UL1283	0.015	0.019	0.038	0.042	
EAP-06-471 ESP-06-471	UL1283	0.023	0.030	0.061	0.069	
EAP-06-681 ESP-06-681	UL1283	0.031	0.040	0.082	0.093	
EAP-06-102 ESP-06-102	UL1283	0.044	0.056	0.110	0.120	
EAP-06-222 ESP-06-222	UL1283	0.090	0.120	0.230	0.250	
EAP-06-332 ESP-06-332	UL1283	0.130	0.170	0.340	0.370	
EAP-06-472 ESP-06-472	UL1283	0.190	0.240	0.480	0.520	

2.Condition

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

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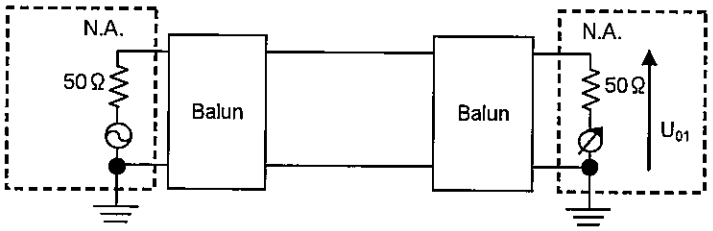
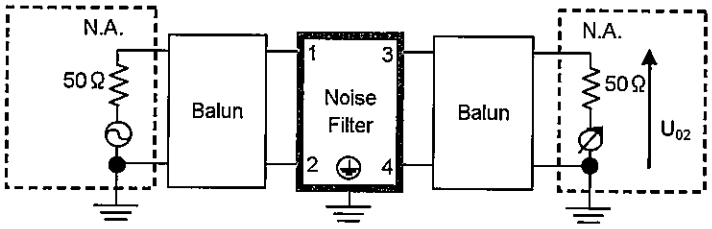


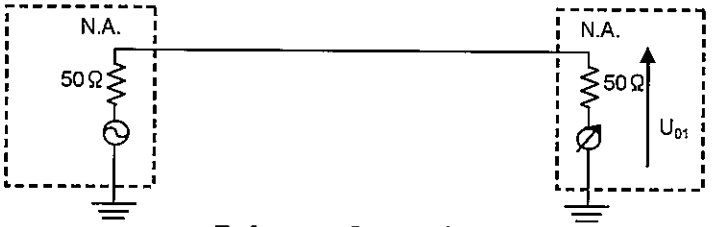
Reference Connection



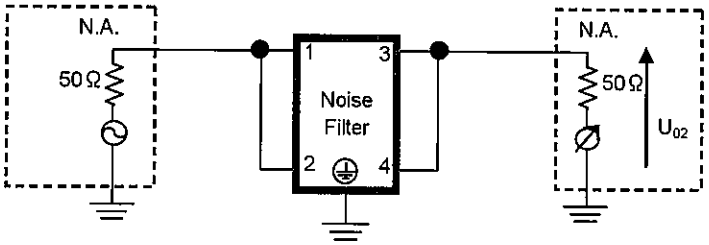
Test Connection

Attenuation = 20log(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



Reference Connection



Test Connection

Attenuation = 20log(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

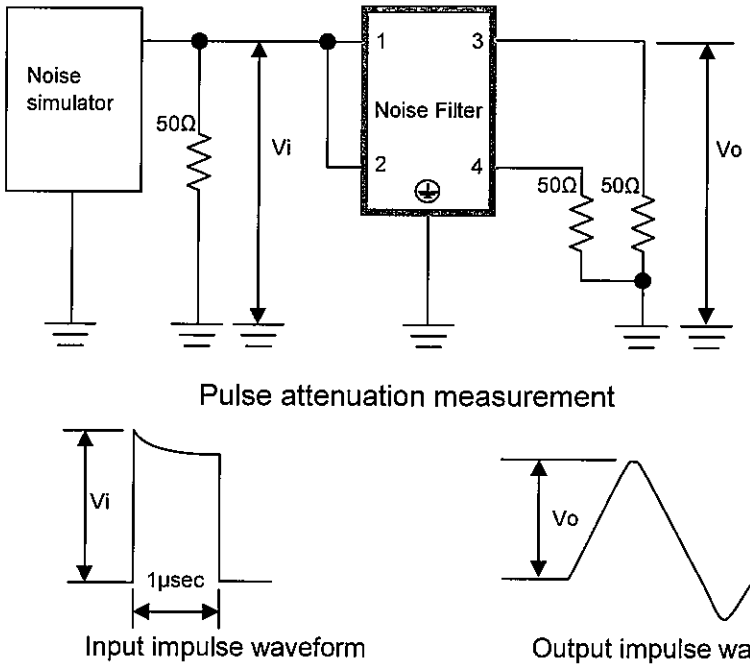


Figure B Pulse attenuation measurement

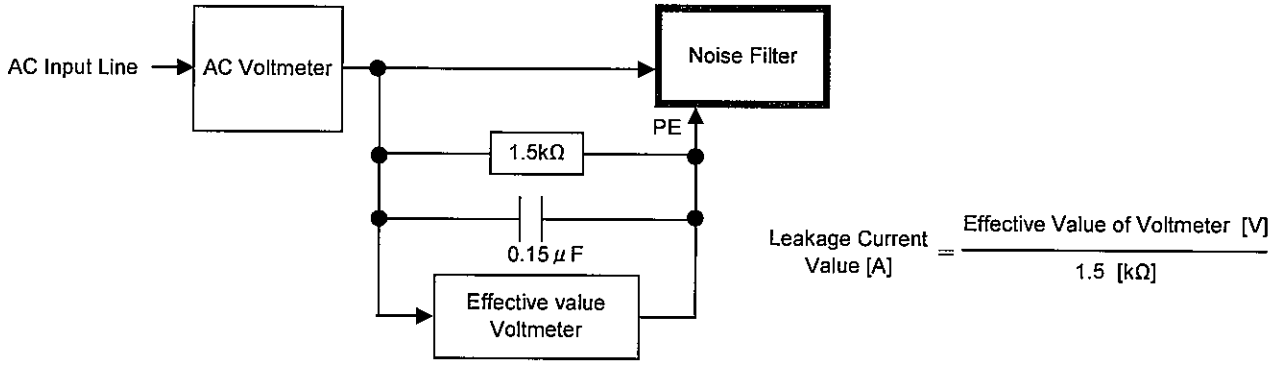


Figure C Leakage current measurement (UL1283)