



- Single-phase AC two-stage high performance power supply filter
- Rated current: 1A---6A
- Install by power line
- DC equipment noise filter (D)

## Specification

- Rated Voltage: 110VAC-250VAC
- Working frequency: 50/60HZ
- Rated Current: 1A-6A
- Withstand test voltage: 1750VAC
- Temperature range: -25°C~85°C
- Certificate: CQC,CE,ROHS
- Fire resistance: UL 94V-0

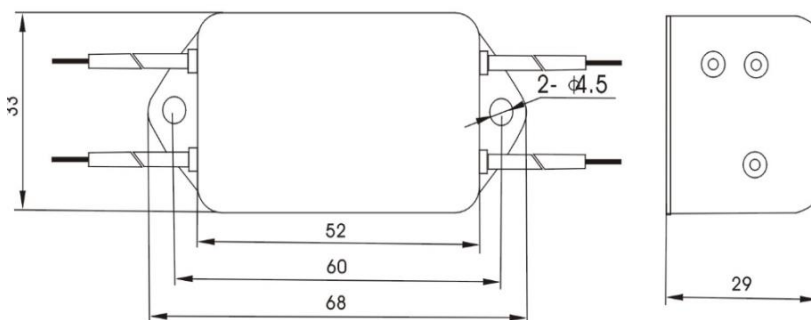
## Characteristic

- Using 2 stage filter circuit design, excellent attenuation ability of common mode and differential mode signal
- Easy Install by power line
- With high quality capacitor and High permeability Mn-Zn ferrite magnetic ring, excellent performance.
- It is good effective to solve the high frequency interference of 100Khz-30MHZ.
- There are a variety of parts combination collocation, to meet the requirement for testing different equipment.
- Can be customize according to customer requirements.

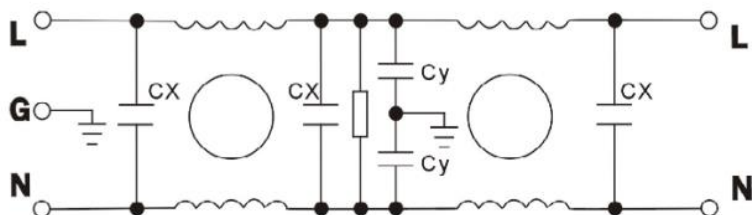
## Application

- Laser cutting equipment
- Industrial automation device
- Electric control equipment

## Products size



## Electric schematic



## Specification

Model No. (A)	Rated current(A)	leakage current(mA)	Inductance (mH)	Capacitor		Resistor [k Ω]	Weight (g)
				Cx [pF]	Cy [nF]		
DEB1-1A	1	≤0.8	20.0	0.1	4.7	1000	140
DEB1-3A	3	≤0.8	5.0	0.1	4.7	1000	140
DEB1-6A	6	≤0.8	1.5	0.1	4.7	1000	140

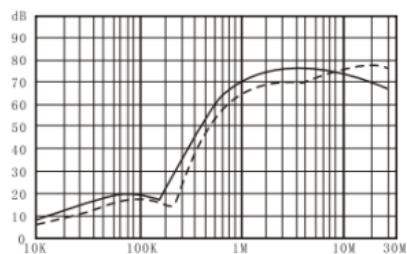
## Insertion loss

Specification		Frequency (MHz)					
		0.15	0.5	1	5	10	30
DEB1-1A	Common mode (dB)	18	53	70	77	73	68
	Differential mode (dB)	17	48	65	70	76	77
DEB1-3A	Common mode (dB)	60	73	77	75	71	61
	Differential mode (dB)	24	60	72	68	60	58
DEB1-6A	Common mode (dB)	35	60	68	67	65	65
	Differential mode (dB)	18	50	65	64	58	57

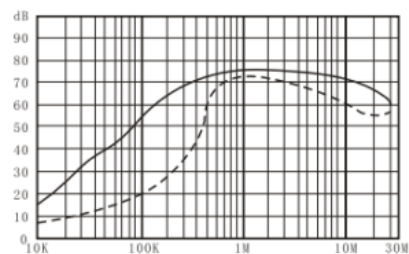
## Insertion Loss

———— ( Common Mode )

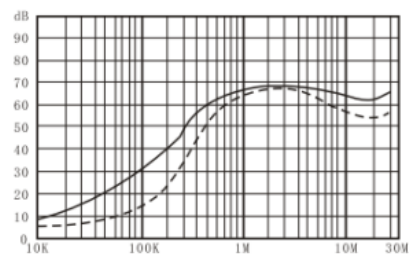
----- ( Differential Mode )



DEB1-1A



DEB1-3A



DEB1-6A