

LTC500 cable output toroidal transformer



Characteristics:

Small magnetic leakage, low noise, high efficiency, low no-load current, suitable for advanced audio, medical equipment, military engineering, precision instruments, using imported high-quality toroidal core.

Technical index:

Mounting type: Plate mount

Flame resistance : UL94-V0

Insulation class: B

Operation temperature: -30℃~+40℃

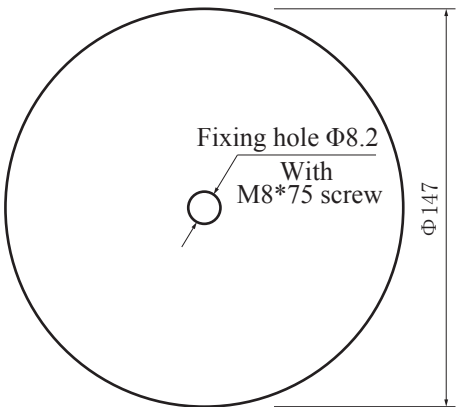
Work frequency: 50Hz~60Hz

Dielectric strength: Pri/Sec. 4KV 50Hz 1min 5mA, Sec/Sec 500V 50Hz 1min 5mA

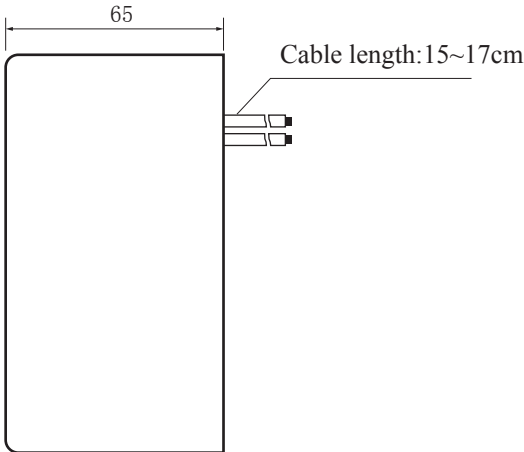
Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Primary voltage	110V/220V/230V/380V	V
Primary voltage range	±10	%
Voltage regulation	≤8	%
Power	500	VA
Temperature rising	-	℃
No-load loss	≤24.6	W
Weight	4.5	Kg

Dimension (in mm±0.5) :



Top view



Side view

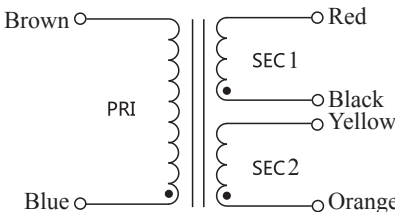
Product picture printing is for reference only, subject to the actual product



Standard output parameter table: (Factory test is based on the full-load voltage)

Secondary voltage	Secondary no-load voltage	Secondary full-load current
20V×2	21.5V×2	12.5A×2
25V×2	26.7V×2	10A×2
30V×2	32.3V×2	8.33A×2
40V×2	43V×2	6.25A×2
55V×2	59V×2	4.55A×2

Schematic diagram:



Input/output shorting method

Series connection:

Purple-Grey short circuit/Brown-Blue input.
Black-Yellow short circuit/Red-Orange output.

Parallel connection:

Brown-Grey short circuit,
Purple-Blue short circuit,
Brown-Purple input or Grey-Blue input.
Red-Yellow short circuit,
Black-Orange short circuit,
Red-Black output or Yellow-Orange output.