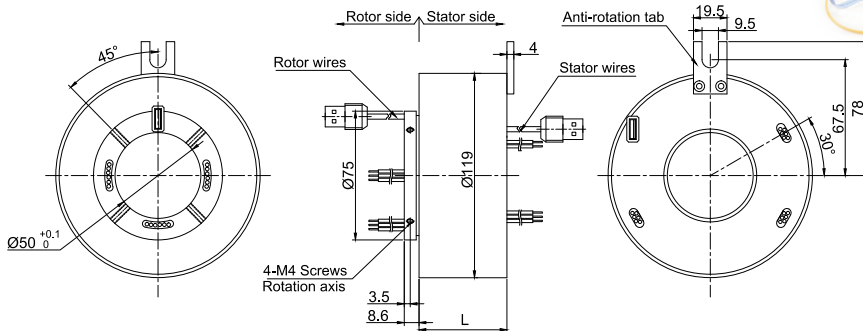
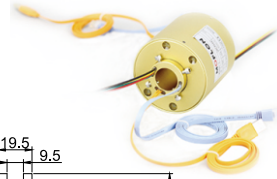


# MUSB2501 (1 Channel USB Slip Rings)

## 1 channel USB2.0+ 1~32 wires power/signal

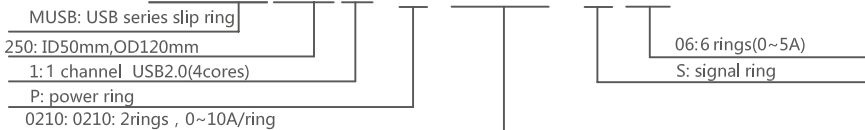
MUSB2501 USB series slip ring with bore size 50mm, outer diameter 119mm, support 1 channel USB1.0/USB2.0. It can transmit signal stably, without code loss and low insertion loss.

Using military depositing technique, precious metal and super hard gold-plated processing, it has minimum BER error rate and high signal-to-noise ratio (SNR)



### Part# Explanation

## MUSB2501 - P 02 10- S 06



### Parts# List

MUSB2501 1 channel USB series part#list					
Part#	USB channel	10A	20A	Signal or 5A	Length(mm)
MUSB2501-S01	1	0	0	1	51.2
MUSB2501-P0110	1	1	0	0	51.2
MUSB2501-P0320	1	0	3	0	74
MUSB2501-S07	1	0	0	7	74
MUSB2501-P0210-S05	1	2	0	5	74
MUSB2501-P0610-S01	1	6	0	1	74
MUSB2501-S13	1	0	0	13	96.8
MUSB2501-P1310	1	14	0	0	96.8
MUSB2501-P0410-S09	1	4	0	9	96.8
MUSB2501-P0810-S05	1	8	0	5	96.8
MUSB2501-S19	1	0	0	19	119.6
MUSB2501-S25	1	0	0	25	142.4
MUSB2501-S31	1	0	0	31	169.2

Note:1) N channels 10A rings parallel can be used as 1 channel N\*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A

2) 10A, 20A, 5A can be combined according to your requirements, please contact customer service for more details.

### Specifications

USB Specifications		Mechanical Data		
Parameter	Value	Parameter	Value	
USB	USB1.0,USB2.0	Working Life	20 million	
Connector	USB TYPE-A female connector	Rotating Speed	600RPM	
BER	10E-11	Working Temperature	-30°C~80°C	
Electrical Data		Operating Humidity	0~85% RH	
Parameter	Value	Contact Material	Gold-Gold	
Power	Value	Housing Material	Aluminium Alloy	
	Signal	Torque	0.1N.m; +0.03N.m/6rings	
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC	Protection Grade	IP51
Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC		
Lead Wires	AWG16#Teflon	AWG22#Teflon		
Lead Length	Standard 300mm (adjustable)			
Dielectric Strength	500VAC@50Hz, 60s			
Electrical Noise	<0.01Ω			