

# UC C500 MJ TR S V5



Category 6A / Class E<sub>A</sub> 10G FTP ToolFast Keystone Jack

## Specification

Item	Description
Front housing	Zinc Alloy
IDC housing	PC, UL 94V-0
Back cover	Zinc Alloy
Contacts	50 micro-inch hard gold plating
Wire size compatibility	22-26 AWG
PCB	FR4 94V-0
Dimensions	36.95mm x 24.5mm x 17mm

## Performance

Item	Description
IDC cap colour code supports both wiring schemes	TIA 568A & 568B
Durability	Modular Jack 750 mating cycles (minimum)
Dielectric withstanding voltage	1000 VDC
Insulation resistance	1000 M / 500 VDC (min)
Contact resistance	20 m (max)
Delay skew	0.2 nsec (max)
Propagation delay	1 nsec (max)
Current rating	1.5 Amps
Input to Output resistance	100 m (max)

Frequency	Return Loss	Near-End Crosstalk FEXT	Far-End Crosstalk FEXT	Insertion Loss
MHz	dB	dB	dB	dB
1.0	19.0	65.0	63.3	3.0
4.0	19.0	63.0	51.2	4.2
8.0	19.0	58.2	45.2	5.8
10.0	19.0	56.6	43.3	6.5
16.0	18.0	53.2	39.2	8.2
20.0	17.5	51.6	37.2	9.2
25.0	17.0	50.0	35.3	10.2
31.25	16.5	48.4	33.4	11.5
62.5	14.0	43.4	27.3	16.4
100.0	12.0	39.9	23.3	20.9
200.0	9.0	34.8	17.2	30.1
250.0	8.0	33.1	15.3	33.9
350.0	6.6	30.3	12.4	40.6
500.0	6.0	26.1	9.3	49.3

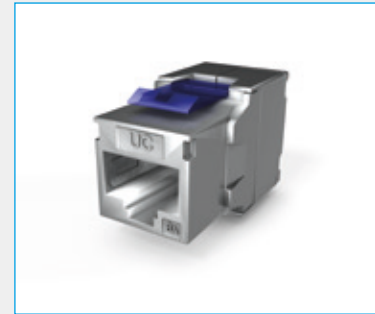
## Technical data

Product code	Product name	Description	Weight	Items per packaging unit
			g	
YMJB00340	UC C500 MJ TR S V5	Keystone Jack Cat.6a RJ45 FTP 180° Tool Fast Shielded	20	1

## Related Products

YCJB00397	UC CACC CJ	Tool for Toolfast Keystone Jack	5	1
YPPBP00343	UC CACC PP S BK 24 1U	19" 1U 24P STP Patch Panel, Empty	585	1
YPPBP00347	UC CACC PP S BK 48 1U	19" 1U 48P STP Patch Panel, Empty	585	1
YPPBP00346	UC CACC PP VPS BK 24 1U	19" 1U 24P STP Angled Patch Panel, with rear management, Empty	585	1

## 4.2. Keystone Jacks



- Cat6A / Class EA 10G Keystone Jack
- Category 6A Compliant
- Shielded Design (U/FTP, F/FTP, S/FTP)
- 3rd Party Approved
- Dual T568A & T568B wiring
- Compatible with FTP cables from 26 AWG to 22 AWG
- RoHS compliant
- Re-termination: 10 cycles (minimum)