

CAT6A FTP Field Termination Plug

JFTPC6ASH-SB



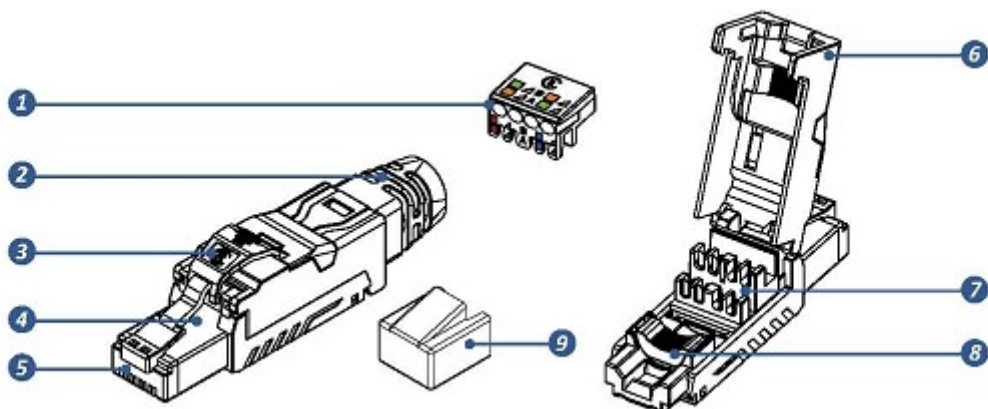
DESCRIPTION

- High-Density and extreme performance by PCB compensation design for Hyper-Scale and Edge Data Centre.
- Tool-Free structure design support easy and quick in-field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- IP20 performance by the Dust-Cap and Snap-in boot design
- UL 1863 verified

MECHANICAL CHARACTERISTICS

- Life (Mating cycles)
- Mating/Un-mating EC
- Retention Strength
- ≥ 750 cycles
- ≤ 30 N
- 7.7 kg between jack and plug

• Wire conductor range	Solid and stranded, Cat6A type 23-26 AWG
• Cable O.D range	5.6 - 8.5 mm
• IDC re-installing cycles	≥ 20 cycles
• Installing temperature	0°C to 50°C (32°F to 122°F)
• Storage temperature	-40°C to 70°C (-40°F to 158°F)
• Operating temperature	-10°C to 60°C (14°F to 140°F)
• Humidity	10% to 90% RH



PRODUCT SPECIFICATIONS

Parts	Specifications
1. Wire management bar (DC-Cap)	Polycarbonate, UL94V-2 white colour
2. Boot	
2-1. SR-A	Polycarbonate, UL94V-2, transparent colour, O.D. 9.0 mm
2-2. SR-B	Polycarbonate, UL94V-2, transparent colour, O.D 7.3 mm
3. Extractor	Polycarbonate, UL94V-2, black colour
4. Housing	Zinc Die-Casting with nickel plating
5. RJ45 plug	
5-1. Housing	Polycarbonate, UL94V-2, transparent yellow colour
5-2. Contacts material	Phosphor bronze with nickel plating
5-3. Contacts gold plating	50 micro-inch gold plating on surface plug contact area
6. Cover	Zinc Die-Casting with nickel plating
7. IDC	
7-1. Housing	Polycarbonate, UL94V-2, white colour
7-2. Terminals	Copper-alloy with tin plating
8. Grounding contacts	Zinc Die-Casting with nickel plating
9. Dust-Cap	PE, black colour
10. PCB	FR4, UL94V-0
11. Copper foil tape	

ELECTRICAL CHARACTERISTICS

Contact resistance	$\leq 20\text{m}\Omega$ from initial
Insulation resistance	$\geq 500\text{ M}\Omega$ at 100 Vdc, for 60s
Voltage prof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60s
Current carrying capacity	1.0 A to 60°C
UL voltage rating	150V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

