

Applications :

- 10 BASE-T (IEEE 802.3)
- 100 BASE-TX (IEEE 802.3U)
- 1000 Base - T (IEEE 802.3ab)
- Data center, VoIP, ISDN, POE, CCTV and others

Standards :

- ANSI/TIA-568-C.2 Category 6
- ISO IEC-11801 : 2017
- IEEE 802.3ab
- IEC 60603-7-4, FCC part 68, subpart F

Specifications :

- Voltage rating : 125 VAC RMS
- Current rating : 1.5 A
- Contact resistance : 20 mΩ
- Insulation resistance : 500 mΩ (min) @500 VDC
- Dielectric strength : 750 VAC RMS 60Hz, 1min
- Operating temperature : -10 °C to 60 °C
- RJ45 jack life : 750 mating cycles with FC compliant 8P plug
- Contact force : 100 grams with FCC compliant 8P plug
- IDC life : 200 termination cycles
- Wire contact compatibility : Accommodates AWG 22-24
- Retentiveness of insertion structure : 50N 60±5s

Material :

- Housing : PC
- Insert : PC
- PCB : FR-4
- RJ45 contact : Phosphor bronze with gold plated 50U
- IDC terminal : Phosphor bronze nickel plated



P/N : AL-2123



P/N : AL-2121



Ordering Information :

P/N	Descriptions
AL-2123	CAT6 RJ45 Modular Jack, Tool Free White "ALFA BASE"
AL-2121	CAT6 RJ45 Modular Jack, IDC "ALFA BASE"