


**Applications :**

- 10 Base-T (IEEE 802.3 Ethernet)
- 100 Base-TX (IEEE 802.3u Fast Ethernet)
- 1000 Base-T (IEEE 802.3ab Gigabit Ethernet)
- PoE (IEEE 802.3af, IEEE 802.3at)

**Standards :**

- ANSI/TIA-568-C.2, ANSI/TIA-568.2-D
- ISO/IEC 11801: 2017 Class D, Cat5e
- ISO/IEC 11801: 2017 Class E, Cat6
- EN 50173-1

**Physical :**

- Contact durability: 1200 mating cycles
- Wiring pattern: Universal color pattern T568A/T568B
- Wire gauge: 22 - 26 AWG solid and stranded wire
- Boot support: RJ45 standard boot and locking boot
- Cable diameter support: 5 - 9 mm

**Constructions :**
**CAT5E**

- Modular plug : 8 pins with 3 prong contacts
- Body material : High impact polycarbonate
- Conductor pin : Phosphor bronze with gold plated 50-micron
- Shielded : Bronze with nickel plated (only shield part)

**CAT6**

- Modular plug : 8 pins 2 layers with pre-insert bar
- Body material : High impact polycarbonate
- Pre-insert bar : High impact polycarbonate
- Conductor pin : Phosphor bronze with gold plated 50-micron
- Shielded : Bronze with nickel plated (only shield part)

**Ordering Information :**

P/N	Descriptions
AL-1121	CAT5E RJ45 Modular Plug "ALFA BASE"
AL-1131	CAT6 RJ45 Modular Plug with Insert Bar "ALFA BASE"
AL-1121S	Shielded CAT5E RJ45 Modular Plug "ALFA BASE"
AL-1131S	Shielded CAT6 RJ45 Modular Plug with Insert Bar "ALFA BASE"

# RJ45 MODULAR PLUG BOOT


**Applications :**

- Cover for protect RJ45 modular plug and cable

**Material :**

- PVC with rubber

**Color :**

- Standard boot : Blue, yellow, green, red, white, gray
- Locking boot : Blue, yellow, green, red, white, transparent

**Cable Diameter :**

- Standard boot CAT5E : 5.5 mm
- Standard boot CAT6 : 6 mm
- Locking boot CAT6 : 6 mm

**Ordering Information :**

P/N	Descriptions
AL-1211XX*	Modular Plug Boot Color XX "ALFA BASE"
AL-1221XX*	Modular Plug Locking Boot Color XX "ALFA BASE"
AL-1231XX*	Modular Plug Boot CAT5E Color XX "ALFA BASE"

\*XX = Color; B(Blue), Y(Yellow), G(Green), R(Red), W(White), GR(Gray), T(Transparent)