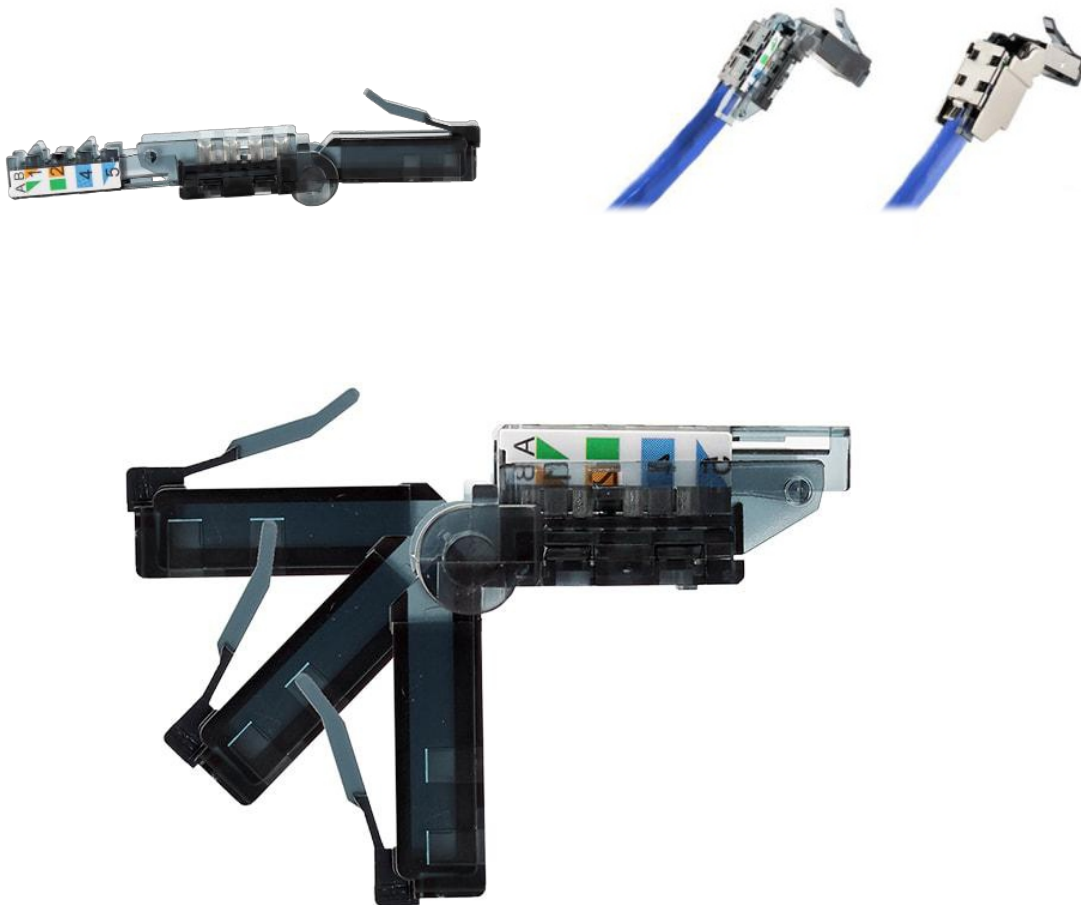


Cat 6 UTP Field Termination Plug

Copper | Field Termination Plugs | Cat 6



Genius CAT6 UTP field termination plugs are cost-effective building blocks for your cabling system. Phosphor bronze contacts ensure excellent conductivity, durability, and outstanding resistance against wear or corrosion. With innovative Plug design, keeps pairs together to streamline the installation process. High quality connectors ensure system reliability and stability by press-fit assembly process.

The product is designed as per the latest standard ANSI/TIA-568-2.D and performance is aligned with the modular plug terminated link standard mentioned.

TECHNICAL SPECIFICATIONS

Cat.6 Performance to supports high-speed protocols: 1GBASE-T up to 100 Meters

Supports 23-26 AWG solid and stranded wires and up to Ø 7.2mm O.D. cables

Product is designed to reduce the management of cords and the plugs can be used in cases where there is need to terminate a plug that is directly plugged into a device. This is generally done to service a security camera, Wireless equipment or devices which is not often moved or rearranged.

TECHNICAL FEATURES

PRODUCT FEATURES

- **90 degree Rotatable Plug for ease of termination and plugging into IP Device**
- Complies to Latest Standard ANSI/TIA-568.2-D & ISO/IEC 11801
- Fully backward compatible with Category 5e
- Easy to Read Wiring Label to Facilitate Installation
- Gold over Nickel plated Phosphor bronze Plug Contacts Provide Corrosion Resistance and Signal Conductivity
- High quality Tin plated Copper IDC connectors ensure system reliability and stability by press-fit assembly process
- Meets IEC 60603-7 requirement
- Meets TIA-1096 ch 4 & 5 requirement

RJ 45 Plug Extractor	PC, UL-94-V2, Color - Black
RJ 45 Plug Plastic Housing	PC, UL-94-V2, Color - Black
RJ 45 Plug contact material	Phosphor bronze with 100 µin nickel plated
RJ 45 Plug Contact Finish	50 µin gold plated on plug contact area
Wire Management Bar	PC, UL-94-V2, Color - White
IDC Housing	PC, UL-94-V2, Color - White
IDC Terminal	Copper with tin plated
PCB	UL 94V-0
Dimension (W * D *H)	14.45mm * 42.79mm* 16.52mm (+/- 0.2mm)
RoHS	Yes
Wiring	T568A and T568B
Insertion Force	20N max as per IEC 60603-7-4
Retention Strength	7.7 kg between jack and plug
Operating temp	-10C to 60C
RJ 45 Jack durability	≥750 cycles
IDC Durability	20 Termination cycles
Cable OD	4.5 to 7.5 mm cable

ORDERING INFORMATION

P/N	DESCRIPTION
GC6FTUTNA	Genuis Cat 6 Field Termination Plug UTP

