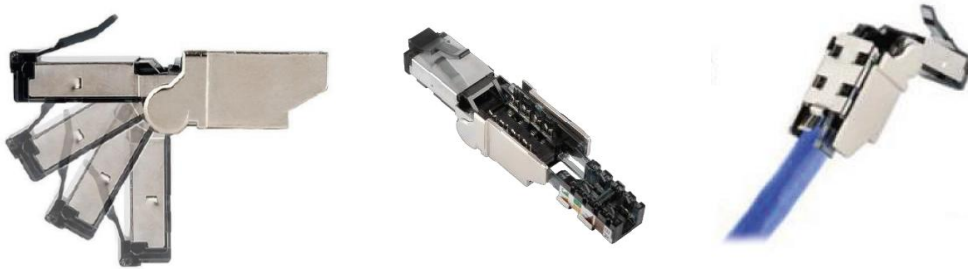


# Field Termination Plug

## CAT 6A - Shielded



**Genius** Cat 6A rotational Shielded field termination plugs are cost-effective building blocks for your cabling system. Phosphor bronze IDC 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 ANSI/TIA & ISO/IEC standard and performance is aligned with the modular plug terminated link standard mentioned.

## Key Features

- 90° Rotatable Plug for ease of termination and plugging into IP Device
- Cat 6A Performance to supports high-speed protocols: 10GBASE-T up to 100 Meters
- Supports 22-24 AWG solid and stranded wires and up to Ø 8.5mm O.D.
- Fully shielded metal housing provides immunity against EMI
- Gold-Plated Nickel Contacts Provide Corrosion Resistance and Signal Conductivity
- Fully backward compatible with Category 6
- IP40 Rated Field Terminable Plug
- UL Listed & RoHS v3 Complied
- Genius Network Brand performance warranty for 25 years

## Product Specification

Type of FTP	Shielded - 90 Degree Rotatable
Supporting Wire Gauge	22 AWG to 24 AWG (max. 1.27 mm Insulation OD)
Max Supporting Cable Dia	8.5 mm (max)
Supporting Category	Cat 6A / Cat 6
Housing Material	Plastic Material - PC, UL 94V-0, Color : Clear Metal Housing - Zinc die-casting with Nickle Plating
Contact Material	Phosphor bronze with nickel plated
Plug Contact Finish	50 micro-inch gold plated
IDC Housing	PC, UL 94V-0, Color: White
IDC Terminal	Titanium Copper, Tin plated
PCB	FR4, UL 94V-0
Dimension (W * D *H)	13.8 mm X 63.0 mm X 18.4 mm
Wiring Compatibility	T568A / T568B
RJ 45 Jack durability	≥750 cycles
IDC Durability	20 Termination for 23 to 24AWG 5 Termination for 22 AWG
IP rating	IP40
Insertion Force	30 N Max
Retention Force	7.7 Kg Max. (between jack and plug)

## Environmental Specification

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C To 68°C
Installation temperature	-10°C To 60°C
Operating Humidity	10% to 90% RH

## Electrical Parameter

DC Current rating	1.5 Amps
Insulation Resistance	500 MΩ Minimum
DC Resistance	Max. 0.1Ω

## Standards, Certifications & Compliances

- UL Listed
- Compliance with UL 94
- RoHS v3 Compliant
- PoE Type PoE++ (IEEE 802.3bt)
- Compliance with ANSI/TIA-568-C.2, ANSI/TIA-568.2-D, ANSI/TIA-568.2-E, ISO/IEC 11801 & CENELEC EN50173
- Compliance with IEC 60603-7, IEC 60603-7-5, IEC 60603-7-4, IEC 60603-7-81, ISO/IEC 11801-9901 Class1 & IEC 60512-99-002

## Ordering Information

Part Number	Product Description
GCTFTSTNA	Genius Cat 6A Field Termination Rotation Plug STP