

【Product Picture】



【Product Description】

The NP833F is a high-performance Cat8 flat Ethernet patch cable designed for ultra-high-speed data transmission in modern networking environments. Featuring stranded bare copper conductors, shielded RJ45 connectors with gold-plated contacts, and a flat cotton-braided structure, it provides excellent flexibility, durability, and superior resistance to electromagnetic interference.

【Tech Specs】

Technical Specification	Description
Model	NP833F
Color	Black Connector + Black & Gray Braided Cable
Cable Length	1 m – 20 m
Cable Type	S/FTP Flat Patch Cable
Connector Type	RJ45 (8P8C), Shielded
Pair Configuration	4 Shielded Twisted Pairs
Bandwidth	Up to 2000 MHz
Data Rate	Up to 40 Gbps
Shielding Structure	Aluminum Foil (Per Pair) + Overall Braid
Conductor Material	Stranded Bare Copper
Contact Plating	Gold-Plated
Jacket Type	Cotton Braided
Conductor Gauge	30 AWG (1–5 m), 26 AWG (6–20 m)
Connector Core	Red Insulation Core

【Features】

- 1. Ultra-High-Speed Performance:** Supports up to 40 Gbps data transmission with bandwidth up to 2000 MHz.
- 2. Advanced Shielding Design:** S/FTP structure effectively minimizes EMI and alien crosstalk for stable performance.
- 3. Flat Braided Construction:** Space-saving flat design with cotton braiding enhances flexibility and durability.
- 4. Premium Connectivity:** Shielded RJ45 connectors with gold-plated contacts ensure reliable signal transmission.

【Application Environment】

- 1. Data Centers:** Ideal for high-speed server connections and backbone networking.
- 2. Enterprise Networks:** Suitable for high-bandwidth office and commercial environments.
- 3. Gaming & Streaming:** Supports ultra-low latency and high-speed data transfer for demanding applications.
- 4. High-Density Cabling:** Flat design allows easy routing under carpets, along walls, or in tight spaces.

【Important Notice】

- 1. Installation Handling:** Avoid excessive bending or sharp folding to maintain cable performance.
- 2. Shielding Effectiveness:** Ensure proper grounding when used in shielded systems for optimal EMI protection.
- 3. Compatibility:** Compatible with Cat8, Cat7, Cat6A, and lower Ethernet standards.
- 4. Application Scope:** Recommended for high-speed networking environments requiring stable and high-bandwidth transmission.