

Cable
UTP Cables
NEXTSPEED®Category 6 UTP Cable



- Features
• Sweep Tested from 1-550 MHz
• Guaranteed Headroom Over TIA and ISO Category 6
• Reverse Sequential Numbering
• Backward Compatible to Category 5e, 5 and 3

Ordering Information

Table with 4 columns: Description, Color, Catalog Number, UPC Number. Row 1: NEXTSPEED®Category 6, 4-Pair, UTP Cable, Plenum, Reelex; Orange; C6RPOR; 662620288048

Listings

ANSI/TIA/EIA-568-C.2 (Category 6 Component)
UL Listed and Tested
NEC Article 800 Compliant
UL Verified Performance

Specifications

Table with 2 columns: Specification, Value. Rows include Wire (23 AWG Bare Solid Copper), Primary Insulation (CMP: FEP), Primary Insulation (CMR: Polyolefin), Cabling (4 Unshielded Twisted Pairs), Outer Jacket (Low Smoke PVC), Inner Jacket (PVC).

Performance

Verifications IEEE 802.3af (PoE)

Applications

Data Centers: Multi Gigabit Between Devices
PoE Applications
Bandwidth Intense Processing

Accessories

Table with 2 columns: Accessory, Part Number. Rows include NEXTSPEED Jacks, Category 6 (HXJ6B), NEXTSPEED Patch Panel, Category 6 (P6Exx), NEXTSPEED Patch Cords, Category 6 (PCXB*).

TRANSMISSION SPECIFICATIONS - Worst Case

TIA/EIA-568-C.2 Category 6 Compliant;
ISO/IEC 11801, 2nd ed. Category 6 Compliant

Table with 9 columns: Freq. (MHz), Ins. loss (dB/100m), NEXT (dB/100m), PSNEXT (dB/100m), ACR (dB), PSACR (dB), ELFEXT (dB), PSELFEXT (dB), Return loss (dB). Rows show performance metrics across various frequencies from 1 MHz to 500 MHz.

* Frequencies beyond the TIA and ISO requirements are for information only.

