

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 columns: Description, Color, Catalog Number, UPC Number. Row: NEXTSPEED®Category 6, 4-Pair, UTP Cable, Plenum, Reelex, Green, C6RPGN, 662620201467

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

Specifications table with columns: Wire, Primary Insulation, Primary Insulation, Cabling, Outer Jacket, Inner Jacket. Row: 23 AWG Bare Solid Copper, CMP: FEP, CMR: Polyolefin, 4 Unshielded Twisted Pairs, Low Smoke PVC, PVC

Performance table with columns: Verifications. Row: IEEE 802.3af (PoE)

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

Accessories table with columns: NEXTSPEED Jacks, Category 6, NEXTSPEED Patch Panel, Category 6, NEXTSPEED Patch Cords, Category 6. Row: HXJ6B, P6Exx (xx=Ports), PCXB* (*=Standard Length)

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 to 500 MHz.

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