



# Cat6A Unshielded Loaded Patch Panel

## FEATURES

- Eight Port RJ45 modules applied
- ID stripes for identifying port allocations
- IDC: suitable for 22-24 AWG stranded and solid wire
- Compatible with both 110& Krone punch down tools
- Improved Cable Management with optional cable management bar
- Available in 1U and 2U

## SPECIFICATIONS

1. Identification: ID plate, OPP, Transparent color with paper
2. Panel: SPCC, 1.6mm thickness with Black (RAL 9005) color painted
3. RJ45 Jack:
  - Housing: PC UL 94V-2
  - Contact Brackets: PBT+Glass Fiber, UL 94V-1, Transparent color
4. RJ45 Jack Contact:
  - Material: Phosphor Bronze with Nickel Plated
  - Finish: 50 micro-inches Gold plated on plug contact area
5. IDC:
  - Housing: PC
  - Terminal: phosphor Bronze with Tin plated
6. Jack Bracket Set: ABS
7. Support Bar: SPCC, 1.6 mm thickness with Black (RAL 9005) color painted

## PERFORMANCE

1. T568A & T568B wiring scheme
2. Insertion force: 20N max. (IEC 60603-7-4)
3. Retention strength: 7.7 kg between jack and plug
4. Operating temperature: -10°C to 60°C (ISO/IEC 11801, ANSI/TIA/EIA 568B.2)
5. Life (mating cycles):
  - Jack: 750 cycle's min (ISO/IEC 11801, IEC 60603-7-4)
  - IDC: suitable for 22-24 AWG stranded and solid wire, compatible with both 110& Krone punch down tools
6. The Cat6A transmission performance is in compliance with the ANSI/TIA/EIA 568C.2 -1 standard
7. Eight port modules applied

Product No.	Description	Color
NPP-6A1BLK242	24-Port Cat6A Unshielded Fully Loaded Punch Down Patch Panel	Black
NPP-6A1BLK481	48-Port Cat6A Unshielded Fully Loaded Punch Down Patch Panel	Black

**ABS:** Acrylonitrile Butadiene Styrene  
**PC:** Polycarbonate  
**SPCC:** Steel Plate Cold Rolled Commercial