

**Specification:**


**Material:**

- 1. Extractor: PC, UL 94V-2, black color
- 2. Housing: PC, UL 94V-2, black color
- 3. RJ45 plug:
  - 3-1. Housing: PC, UL 94V-2, black color
  - 3-2. Contact material: Phosphor bronze with 100 micro-inch nickel plated
  - 3-3. Contact finish: Min. 50 micro-inch gold plated on surface contact area
- 4. Cover: PC, UL 94V-2, black color
- 5. Wire management bar: PC, UL 94V-2, white color
- 6. IDC:
  - 6-1. Housing: PC UL 94V-2, white color
  - 6-2. Terminal: Copper with tin plated
- 7. Clamp: PC, UL 94V-2, black color
- 8. PCB, UL 94V-V0

**Performance:**

- a. T568A & T568B wiring
- b. Insertion force: 20N max. (IEC 60603-7-4)
- c. Retention strength: 7.7kg between jack and plug
- d. Operating temperature: -10°C to 60°C. (ISO/IEC 11801, ANSI/TIA 568 C.2).
- e. Life (mating cycle):
  - e-1. 750 cycles min. (ISO/IEC 11801, IEC 60603-7-4)
  - e-2. IDC: Suitable for 23-26AWG stranded and solid wire, min. 20 installation cycles
- f. Suitable for cable jacket OD: 4.5-7.5mm
- g. The mated plug should comply with IEC60603-7 and TIA-1096 Chapter 4 and 5

RoHS

Part #	8P8C-C6-UN2	Part #	Cable Length
Title	Cat6 Field Terminable Unshield Plug for Solid/Stranded Wire Cable, 23-26 AWG, OD: 4.50-7.50mm		
Unit	 <b>PI Manufacturing Corp.</b>		
mm			