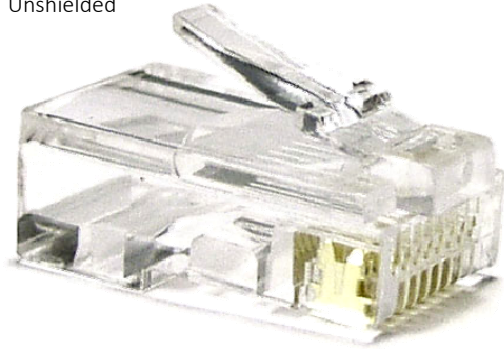


## i-Net Networks Category6 Plug

Unshielded



Shielded



### Compliance

Meets ANSI/EIA/TIA 568-B.2-1 requirements

### Highlights

High performance gigabit channel solution  
Electro-polished contacts  
Field installable modular plug  
Suitable for solid and stranded wires

### Material

Housing:  
UL94-V0

Contacts:  
Copper alloy, 1.27 micron (50µ inches) gold plated

Shield:  
Copper alloy, nickel covering

### Mechanical

Durability:  
250 mating cycles

Bending & pull (tensile): 22N (5 lbs)

Flex:  
50 cycles (solid conductor)  
250 cycles (stranded conductor)

Torsion: 10N (2.2 lbs)

### Electrical

Voltage: 150 volts AC maximum

Dielectric standing voltage: 500v AC

Insulation resistance: 100MΩ

### Environment

Storage temperature: -10°C to +60°C

Operating temperature: -40°C to +70°C

### Ordering

P06-**U**-8P8C i-Net Networks Category6 Plug RJ45 8P8C Unshielded 50 Micron Gold Plated

**U** **U**-Unshielded, **S**-Shielded