Connectors

Modular Plug
  UTP Modular Plug ....................... 3-1
  STP Modular Plug ....................... 3-13

Modular Jack .............................. 3-21

IDC ........................................... 3-42
**TA3368DU Cat.6 Plug**

**Specification:**
- Complied with IEC 60603-7
- TIA/EIA-568-B.2 Annex A requirement
- Housing: Polycarbonate (PC), UL 94V-0.
- Loadbar: Polycarbonate (PC), UL 94V-0.
- Organizer: Metalized compound
- Contact Blade: 2-contact blade 0.30mm² for stranded and solid wire
  - Phosphor Bronze, 1.27μm/50μ” min. gold in contact area.
  - 2.54 μm/100μ” nickel all over.

**Electrical:**
- Current rating: 1.5 A max. per circuit.
- Contact resistance: 20miloohms max. at 100 mA max. 50mV max.
- Insulation resistance: 500 Mohms min. at 500V DC
- Dielectric withstanding voltage: 1000V AC RMS 60 Hz, 1minute.

**Mechanical:**
- Durability: 1000 mating cycles.
- Cable to plug tensile strength: 89N (20lbs) min.
- Min-Max serving temperature for short term (24H): -40°C to 125°C
  - for long term: -20°C to 105°C

**Application:**
- Much better performance for CAT.6 patch cord assembly (24 AWG).
- Using together with Telebox plug cover (TA5608) for identification and latch protection.

**Patented:**
- TW : M305496  2007/01/21
- US : Patent pending
- EU : 000620109-0001  2006/11/23
- CN : Patent pending
**TA1788-AR50/TA1788-AR5001 8P8C Cat.6 staggered UTP plug w/insert**

**Specification:**

1. **Material and finish:**
   - Housing: Polycarbonate (PC)
   - Contacts: Coper alloy selective gold over nickel plate

2. **Mechanical:**
   - Cable-to-Plug tensile strength: 20 LBS min.
   - Durability: 500 cycles min.

3. **Electrical:**
   - Rated voltage: 30 V a.c. at 1.5 Amps
   - Contact resistance: 10 mohms max.
   - Dielectric strength: 1000 V a.c. (RMS)
   - Insulation resistance: 10 mohms min.

4. **Operating temperature:** -20°C to 80°C
TA1788-CE RJ45 Cat.6 UTP Plug w/insert (2-pcs)

**Electrical:**
- UL Application: 250V AC Maximum at 2Amps
- Dielectric withstanding voltage: 500V AC
- Insulation resistance: 500 Mohms
- Initial contact resistance: 20 mohms
- Termination resistance: 35 mohms Max. after environment test

**Mechanical:**
- Cable to plug tensile strength 19.6N/pcs Min.
- Durability: 750 mating cycles

**Material and finish:**
- Housing: Polycarbonate (PC) UL-94V-0 or UL-94V-2
- Contact blade: Phosphor bronze
- Conductor: Allow stranded or solid wire 24-26AWG
- Gold Plating: 6/15/30/50μ"

**Ordering Information:**

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<thead>
<tr>
<th>TA1788 - X</th>
<th>X</th>
<th>XX</th>
</tr>
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<tbody>
<tr>
<td>A: 2-contact blade</td>
<td>R: UTP (old P/N TA1788-AR50)</td>
<td>06 : 6m*</td>
</tr>
<tr>
<td>C: 3-contact blade</td>
<td>E: UTP (2pcs /plug26 + insert27)</td>
<td>15 : 15m*</td>
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<td></td>
<td>T: UTP (3pcs /plug66+insert46+organizer38)</td>
<td>30 : 30m*</td>
</tr>
<tr>
<td></td>
<td>S: STP (3pcs /plug65+insert43+SR318)</td>
<td>50 : 50m*</td>
</tr>
</tbody>
</table>
**TA1788-CT RJ45 Cat.6 UTP Plug w/insert + org (3-pcs)**

**Electrical:**
- UL Application: 250V AC Maximum at 2Amps
- Dielectric withstanding voltage: 500V AC
- Insulation resistance: 500 Mohms
- Initial contact resistance: 20 mohms
- Termination resistance: 35 mohms Max. after environment test

**Mechanical:**
- Cable to plug tensile strength 19.6N/pcs Min.
- Durability: 750 mating cycles

**Material and finish:**
- Housing: Polycarbonate (PC) UL-94V-0 or UL-94V-2
- Contact blade: Phosphor bronze
- Conductor: Allow stranded or solid wire 24-26AWG
- Gold Plating: 6/15/30/50μ"*

**Ordering Information:**

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<td>T: UTP (3pcs +plug66+insert46+organizer38)</td>
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<td>S: STP (3pcs +plug45+insert43+SR318)</td>
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**TA5708AU  RJ45 8P8C Cat.5 UTP plug w/insert**

**Specification:**
- Meet FCC parts 68.
- Meet IEC 60603-7.
- Housing: Polycarbonate (PC), UL 94V-0.
- Insert: Polycarbonate (PC), UL 94V-0.
- Contact Blade: Phosphor bronze, 50μ"/1.27μ" min.
  - gold in contact area, 100μ"/2.54μ" nickel all over.

**Electronic:**
- Current Rating: 1.5 A max. per circuit.
- Contact resistance: 10 mohms max. at 100 mA max. 50 mV max.
- Insulation resistance: 500 Mohms min. at 500V DC
- Dielectric withstanding voltage: 1000V a.c. RMS 60 Hz, 1 minute.

**Mechanical:**
- Durability: 1000 mating cycles.
- Cable-to-Plug tensile strength: 20 lbs (89N) min.
- Temperature: -40°C to 80°C.

**Application:**
- RJ 45 modular Plug.
- Insert device (or management bar) ensures the untwisted portion for crimping shorter than 8mm to enhance Cat.5e performance.
- Design for matching Cat. 5/6 patch cord assembly,
- Using together with colored plug cover TA2788PC (boots) for identification and latch protection.

**Ordering Information:**

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<td></td>
<td>C</td>
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</table>

Easy assembly and precise alignment, excellent performance in NEXT and attenuation, economical and ideal mate for UTP patch cable in stranded wire or solid wire (P/N TA5708CU).
## TA2788 8P8C Modular Plug/TA2788K Keyed Plug

### Specification:

1. Meet FCC Parts 68.
   - Meet IEC 60603-7.
   - Material and finish:
     - Housing: Polycarbonate (PC)
     - Contacts: Copper alloy selective gold over nickel plating
2. Mechanical:
   - Cable-to-Plug tensile strength: 20 lbs Min.
   - Durability: 500 cycles Min.
3. Electrical:
   - Rated Voltage, Current: 30V a.c. at 1.5 Amps
   - Contacts resistance: 10 milliohms Max.
   - Dielectric Strength: 1000V a.c. (RMS)
   - Insulation Resistance: 500 megaohms Min.
4. Operating Temperature: -20ºC to 80ºC

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<td>K : Keyed</td>
<td>A : For stranded wire</td>
<td>F : Flat cable</td>
<td>06 : 6p*0.15μm</td>
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<tr>
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<td>66 : 6P6C RJ12</td>
<td>D : DEC</td>
<td>B : For solid wire blade (2-Contact blade)</td>
<td>R : Round cable</td>
<td>30 : 30p*0.76μm</td>
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<tr>
<td></td>
<td>84 : 8P4C</td>
<td></td>
<td>C : For solid wire blade (3-Contact blade)</td>
<td>S : Round cable for shielded Plug</td>
<td>90 : 30p/11.27μm</td>
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<tr>
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<td>88 : 8P8C RJ45</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>00 : 10P10C</td>
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**TA2766/TA2764 6P Modular Plug/TA2788-AF 8P8C Shortbody Plug**

**Specification:**

1. Meet FCC Parts 68.
   - Meet IEC 60603-7.
   - Material and finish:
     - Housing: Polycarbonate (PC)
     - Contacts: Copper alloy selective gold over nickel plating
2. Mechanical:
   - Cable-to-Plug tensile strength: 20 lbs Min.
   - Durability: 500 cycles Min.
3. Electrical:
   - Rated Voltage, Current: 30V a.c. at 1.5 Amps
   - Contacts resistance: 10 milliohms Max.
   - Dielectric Strength: 1000V a.c. (RMS)
   - Insulation Resistance: 500 megaohms Min.
4. Operating Temperature: -20ºC to 80ºC
5. Part No.: TA2788-AF5002 8P8C shortbody

50μ”/1.27μm plug for flat cable

**Ordering Information:**

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<td>66 : 6P6C RJ12</td>
<td>D : DEC</td>
<td>B : For solid wire blade</td>
<td>R : Round cable</td>
<td>30 : 3p/0.76μm</td>
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<tr>
<td></td>
<td>84 : 8P4C</td>
<td></td>
<td>C : For solid wire blade (3-Contact blade)</td>
<td>S : Round cable for shielded Plug</td>
<td>50 : 5p/1.27μm</td>
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</tr>
<tr>
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<td>88 : 8P8C RJ45</td>
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<td>00 : 10P10C</td>
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R1433-8XX Plug SR for TA3368DU
**TA27PC small RJ45 plug cover**

**Specification:**
1. Material: PVC
2. Standard color: Black or Grey
3. Option color: Red, Yellow, Blue, Green, White
4. Dimension A: 6.0 mm

**Ordering Information:**

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<td>GR</td>
<td>GR: Grey</td>
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<tr>
<td>IV</td>
<td>IV: Ivory</td>
</tr>
<tr>
<td>RD</td>
<td>RD: Red</td>
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<tr>
<td>WH</td>
<td>WH: White</td>
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<tr>
<td>YL</td>
<td>YL: Yellow</td>
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</table>

3-9
**TA2788PC round cable/TA2788PC-25 flat cable plug cover/boots/SR**

**Specification:**
1. Material: PVC
2. Standard color: Black or Grey
3. Option color: Red, Yellow, Blue, Green, White
4. Dimension A: 5.0, 5.5, 6.0, 6.5, 7.0mm

**Ordering Information:**

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<tr>
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<tr>
<td>60</td>
<td>Ø6.0 for Ø5.6~Ø6.0mm cable</td>
<td>GN: Green</td>
</tr>
<tr>
<td>65</td>
<td>Ø6.5 for Ø6.1~Ø6.5mm cable</td>
<td>GR: Grey</td>
</tr>
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<td>Flat cable type</td>
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<td></td>
<td></td>
<td>WH: White</td>
</tr>
<tr>
<td></td>
<td></td>
<td>YL: Yellow</td>
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</table>

**Cover for RJ45 Plug**

**Cover for 8P Plug/Flat type**

**Specification:**
1. Material: PVC
2. Standard color: Black or Grey
3. Option color: Red, Yellow, Blue, Green, White
TA5606/TA5608 Plug cover 6P/8P

**Specification:**
- Material: PP (Poly Propylene)
- Color: Black, Grey, Red, Yellow, Blue, Green, Ivory, White

**Application:**
- Used on both Telebox fully shielded and standard plug versions
- Can be placed on already assembled patch cords
- Easily removed without disassembling existing patch cord
- Color helps to identify network assignments
- Special latch makes it easier to release modular plugs

**Ordering Information:**
- TA5606 06 : AT Plug Cover for RJ11
- TA5608 08 : AT Plug Cover for RJ45

**Patented:**
- US : Des. 376,177 1997/05/13
**TA57PC/TA5788PC  Plug cover/hood/SR**

**Specification:**
1. Material: Polycarbonate (PC)
2. Cable diameter: Standard Ø6.0~6.5mm
3. Standard color: Black or White

**Ordering Information:**
- TA57PC
  - XX
  - BK: Black
  - BL: Blue
  - GN: Green
  - GR: Grey
  - IV: Ivory
  - RD: Red
  - WH: White
  - YL: Yellow

- TA5788PC
  - XX
  - BK: Black
  - BL: Blue
  - GN: Green
  - GR: Grey
  - IV: Ivory
  - RD: Red
  - WH: White
  - YL: Yellow
**TA3368DS STP RJ45 Plug**

**Specifications:**
- Meet FCC Parts 68.
- Housing: Polycarbonate (PC), UL 94V-0.
- Insert: polycarbonate (pc), UL 94V-0.
- Contact Blade: Phosphor Bronze, 1.27μm/50μ”
  - gold in Contact area.
- Shield Cover: T=0.5mm brass. 80 Microinches Nickel Plating.

**Electrical:**
- Current Rating: 1.5 A max. per circuit.
- Contact resistance: 20 milliohms max. at 100 mA max. 50 mV max.
- Insulation Resistance: 500 megohms min. at 500V DC
- Dielectric Withstanding Voltage: 1000 V AC RMS 60 Hz, 1 minute.

**Mechanical:**
- Durability: 1000 mating cycles.
- Cable to Plug Tensile Strength: 20 lbs (89N) min.
- Temperature: -40ºC to 80ºC.

**Application:**
- Fully shielded RJ 45 modular Plug.
- Specially for EMI & EMC requirements.
- For Cat.5e and Cat.6 patch cord performance.
- Using together with our PLUG COVER(BOOT) for identification and latch protection.
**TA1788-CS 3-pcs Cat.6 STP Plug**

**Electrical:**
- UL Application: 250V AC Maximum at 2Amps
- Dielectric withstanding voltage: 500V AC
- Insulation resistance: 500 Mohms
- Initial contact resistance: 20 mohms
- Termination resistance: 35 mohms Max. after environment test

**Mechanical:**
- Cable to plug tensile strength 19.6N/pcs Min.
- Durability: 750 mating cycles

**Material and finish:**
- Housing: Polycarbonate (PC) UL-94V-0 or UL-94V-2
- Contact blade: Phosphor bronze
- Conductor: Allow stranded or solid wire 24-26AWG
- Gold Plating: 6/15/30/50μ"
TA5768FS fully shielded plug Assembly

**Specifications:**
- Meet FCC Parts 88.
- Meet IEC 60603-7.
- Housing: Polycarbonate (PC), UL 94V-0.
- Insert: Polycarbonate (PC), UL 94V-0.
- Contact Blade: Phosphor bronze,
  - 50μm/1.27μm min. gold in contact area.
  - 100μm/2.54μm nickel all over.
- Shield Cover: 0.5 mm brass. 80μm/2.03μm nickel plating.

**Electronic:**
- Current Rating: 1.5 A max. per circuit.
- Contact resistance: 20 mohm max. at 100 mA max. 50 mV max.
- Insulation Resistance: 500 Mohm min. at 500V d.c.
- Dielectric withstanding voltage: 1000V a.c. RMS 80 Hz, 1 minute.

**Mechanical:**
- Durability: 1000 mating cycles.
- Cable-to-Plug tensile strength: 20 lbs (89N) min.
- Temperature: -40°C to 80°C.

**Application:**
- Fully shielded RJ 45 modular Plug.
- Specially for EMI & EMC requirements.
- For Cat.5e and Cat.6 patch cord performance.
- Using together with our PLUG COVER(BOOT) for identification and latch protection.

**Patented:**
- TW : M306414 2007/02/11
- US : Patent pending
- EU : 00058296-0001 2006/09/01
**Specifications:**
Meet FCC Parts 68.
Meet IEC 60603-7.
Housing: Polycarbonate (PC), UL 94V-0.
Insert: Polycarbonate (PC), UL 94V-0.
Contact Blade: Phosphor bronze,
50μ"/1.27μm min. gold in contact area.
100μ"/2.54μm nickel all over.
Shield Cover: 0.5 mm brass. 80μ"/2.03μm nickel plating.

**Electronic:**
Current Rating: 1.5 A max. per circuit.
Contact resistance: 20 mohm max. at 100 mA max. 50 mV max.
Insulation Resistance: 500 Mohm min. at 500V d.c.
Dielectric withstanding voltage: 1000V a.c. RMS 60 Hz, 1 minute.

**Mechanical:**
Durability: 1000 mating cycles.
Cable-to-Plug tensile strength: 20 lbs (89N) min.
Temperature: -40ºC to 80ºC.

**Application:**
Fully shielded RJ 45 modular plug.
Special for EMI & EMC requirements.
Design for matching Cat. 5/6 STP patch cord assembly.
Colored SR TA5606(6P), TA5608(8P) for identification and latch protection.

<table>
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<th>Positions</th>
<th>Description</th>
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<tbody>
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<td>6P6C</td>
<td>Fully shielded plug w/insert</td>
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<td>TA5708FS</td>
<td>8P8C</td>
<td>Fully shielded plug w/insert</td>
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<td>TA5710FS</td>
<td>10P10C</td>
<td>Fully shielded plug w/insert</td>
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**Specifications:**
Meet FCC Parts 68.
Meet IEC 60603-7.
Housing: Polycarbonate (PC), UL 94V-0.
Insert: Polycarbonate (PC), UL 94V-0.
Contact Blade: Phosphor bronze,
50μ”/1.27μm min. gold in contact area.
100μ”/2.54μm nickel all over.
Shield Cover: 0.5 mm brass, 80μ”/2.03μm nickel plating.

**Electronic:**
Current Rating: 1.5 A max. per circuit.
Contact resistance: 20 mohm max. at 100 mA max. 50 mV max.
Insulation Resistance: 500 Mohm min. at 500V d.c.
Dielectric withstanding voltage: 1000V a.c. RMS 60 Hz, 1 minute.

**Mechanical:**
Durability: 1000 mating cycles.
Cable-to-Plug tensile strength: 20 lbs (89N) min.
Temperature: -40°C to 80°C.

**Application:**
Fully shielded RJ 45 modular Plug.
Specially for EMI & EMC requirements.
For Cat.5e and Cat.6 patch cord performance.
Using together with our PLUG COVER(BOOT) for identification and latch protection.

**Patented:**
UK : 2047665 1995/09/11
CH : 59800 1996/05/22
**Specifications:**

Meet FCC Parts 88.
Meet IEC 60603-7.
Housing: Polycarbonate (PC), UL 94V-0.
Insert: Polycarbonate (PC), UL 94V-0.
Contact Blade: Phosphor bronze,

- 50μ/1.27μm min. gold in contact area.
- 100μ/2.54μm nickel all over.
Shield Cover: 0.3 mm brass. 80μ/2.03μm nickel plating.

**Electronic:**

- Current Rating: 1.5 A max. per circuit.
- Contact resistance: 20 mohm max. at 100 mA max. 50 mV max.
- Insulation Resistance: 500 Mohm min. at 500V d.c.
- Dielectric withstanding voltage: 1000V a.c. RMS 60 Hz, 1 minute.

**Mechanical:**

- Durability: 1000 mating cycles.
- Cable-to-Plug tensile strength: 20 lbs (89N) min.
- Temperature: -40ºC to 80ºC.

**Application:**

- Fully shielded RJ 45 modular plug.
- Special for EMI & EMC requirements.
- Design for matching Cat. 5/6 STP patch cord assembly.
- Colored SR TA5606(6P), TA5608(8P) for identification and latch protection.

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<td>Fully shielded plug w/insert</td>
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<td>TA5710FS</td>
<td>10P10C</td>
<td>Fully shielded plug w/insert</td>
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</tbody>
</table>
TA5788HS 8P8C Fully Shielded Plug w/insert

**Specifications:**

Meet FCC Parts 88.
Meet IEC 60603-7.
Housing: Polycarbonate (PC), UL 94V-0.
Insert: Polycarbonate (PC), UL 94V-0.
Contact Blade: Phosphor bronze, 50μ"/1.27μm min. gold in contact area.
100μ"/2.54 μm nickel all over.
Shield cover: 0.5mm brass, 80μ"/2.03μm nickel Plating.
SR Hook: Standard for Ø5.0mm cable, option for Ø7.0mm cable

**Electronic:**

Current Rating: 1.5 A max. per circuit.
Contact resistance: 20 mohm max. at 100 mA max, 50 mV max.
Insulation Resistance: 500 Mohm min. at 500V d.c.
Dielectric withstanding voltage: 1000V a.c. RMS 60 Hz, 1 minute.

**Mechanical:**

Durability: 1000 mating cycles.
Cable-to-Plug tensile strength: 20 lbs (89N) min.
Temperature: -40ºC to 80ºC.

**Application:**

 Fully shielded RJ 45 modular plug.
Special for EMI & EMC requirements.
Design for matching Cat. 5/6 STP patch cord assembly.
Hirose shielded plug equivalent.

Part No. : TA5788HS 8P8C fully shielded plug w/insert (Hirose dimension)
**TA27XX-AS Shielded Plug**

**Specification:**
1. Meet FCC parts 68.
   - Meet IEC 60603-7.
   - Material and finish:
     - Housing: Polycarbonate (PC)
     - Contacts: Copper alloy selective gold over nickel plating
2. Mechanical:
   - Cable-to-Plug tensile strength: 20 lbs min.
   - Durability: 500 cycles min.
3. Electrical:
   - Rated voltage, current: 30V a.c. AT 1.5 Amps
   - Contact resistance: 10 mohms max.
   - Dielectric strength: 1000V a.c. (RMS)
   - Insulation resistance: 500 Mohms min.
4. Operating temperature: -20ºC to 80ºC

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<th>Positions</th>
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<td>8P8C</td>
<td>Fully shielded plug for round cable</td>
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<td>TA2700-AS</td>
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<td>Fully shielded plug for round cable</td>
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**MJ0501-4X RJ45 gang jack 4 ports**

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<th>No. of port</th>
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<td>12</td>
<td>170.18</td>
<td>170.82</td>
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</tbody>
</table>

**Material:**
- Housing: Glass filled polyester UL 94V-0 Black
- Shield: 0.25mm thickness copper alloy plated with tin
- Contacts: 0.35mmX0.45mm phosphor bronze
- Plating: Selective gold plating in contact area over nickel

**Electronic:**
- Insulation resistance: 500 Mohms min
- Dielectric withstand voltage: 1000 V RMS min. 60 Hz
- Current/Voltage: 30V a.c./42V d.c. at 1.5 Amps
- Contact resistance: 30 mohms max

**Mechanical:**
- Durability: 1000 Mating cycles

**Ordering Information:**

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<tr>
<th>MJ0501 -</th>
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<tbody>
<tr>
<td>RJ45 PCB Jack</td>
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</tr>
<tr>
<td>1 : 1 - port</td>
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</tr>
<tr>
<td>2 : 2 - port</td>
<td>S: Shielded</td>
<td></td>
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<tr>
<td>4 : 4 - port</td>
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<tr>
<td>5 : 5 - port</td>
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<td>8 : 8 - port</td>
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<td>10:10 - port</td>
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<td>12:12 - port</td>
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</table>

MJ0501-4U PCB jack

MJ0501-4S PCB jack
MJ0501-5X RJ45 gang jack 5 ports

**Material:**
- Housing: Glass filled polyester UL 94V-0 Black
- Shield: 0.25mm thickness copper alloy plated with tin
- Contacts: 0.35mmX0.45mm phosphor bronze
- Plating: Selective gold plating in contact area over nickel

**Electronic:**
- Insulation resistance: 500 Mohms min
- Dielectric withstand voltage: 1000 V RMS min. 60 Hz
- Current/Voltage: 30V a.c./42V d.c. at 1.5 Amps
- Contact resistance: 30 mohms max

**Mechanical:**
- Durability: 1000 Mating cycles

**Ordering Information:**
- MJ0501 - X X
- U: Unshielded
- S: Shielded
  - 1: 1 - port
  - 2: 2 - port
  - 4: 4 - port
  - 5: 5 - port
  - 6: 6 - port
  - 8: 8 - port
  - 10: 10 - port
  - 12: 12 - port

---

**UTP Dimension**

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<th>5</th>
<th>6</th>
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**STP Dimension**

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<tr>
<td>A</td>
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<td>81.28</td>
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<td>142.63</td>
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</tbody>
</table>
**MJ0501-6X RJ45 gang jack 6 ports**

![MJ0501-6S PCB jack](image)

### Material:
- **Housing:** Glass filled polyester UL 94V-0 Black
- **Shield:** 0.25mm thickness copper alloy plated with tin
- **Contacts:** 0.35mmX0.45mm phosphor bronze
- **Plating:** Selective gold plating in contact area over nickel

### Electronic:
- **Insulation resistance:** 500 Mohms min
- **Dielectric withstand voltage:** 1000 V RMS min. 60 Hz
- **Current/Voltage:** 30V a.c./42V d.c. at 1.5 Amps
- **Contact resistance:** 30 mohms max

### Mechanical:
- **Durability:** 1000 Mating cycles

### Ordering Information:
- **MJ0501-$$U$$**
  - **X**
  - **X**
  - **1** - port
  - **U:** Unshielded
  - **2:** 2 - port
  - **S:** Shielded
  - **4:** 4 - port
  - **5:** 5 - port
  - **6:** 6 - port
  - **8:** 8 - port
  - **10:** 10 - port
  - **12:** 12 - port

### Dimensions:

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<thead>
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<th>STP Dimension</th>
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MJ0501-XX RJ45 gang jack 6 ports

**Material:**
- Housing: Glass filled polyester UL 94V-0 Black
- Shield: 0.25mm thickness copper alloy plated with tin
- Contacts: 0.35mmX0.45mm phosphor bronze
- Plating: Selective gold plating in contact area over nickel

**Electronic:**
- Insulation resistance: 500 Mohms min
- Dielectric withstand voltage: 1000 V RMS min. 60 Hz
- Current/Voltage: 30V a.c./42V d.c. at 1.5 Amps
- Contact resistance: 30 mohms max

**Mechanical:**
- Durability: 1000 Mating cycles

**Ordering Information:**

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<td>12-12 - port</td>
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**UTP Dimension**

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<th>6</th>
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**STP Dimension**

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<th>6</th>
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<td>86.75</td>
<td>114.69</td>
<td>142.63</td>
<td>170.57</td>
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MJ0501-6S
**MJ9128-XX High Freq. Reduced Xtalk 90D PCB Jack**

**Material:**
- Housing: Glass filled PBT, UL 94V-0
- Standard color: Black
- Contact 1: 0.46 mm diameter phosphor bronze
  gold over nickel plating
- Contact 2: 0.35 mm thickness phosphor bronze
  gold over nickel plating on contact area,
  tin plating on tail area
MJ7028-88 Reduced Xtalk 45D PCB Jack

**Material:**
- Housing: Glass filled PBT, UL 94V-0
- Contact: Ø0.46mm diameter phosphor bronze gold over nickel plating
**MJ7028-88S Shielded Reduced Xtalk 45D PCB Jack**

**Material:**
- Housing: Glass filled PBT, UL 94V-0
- Contact: Ø0.46mm diameter phosphor bronze gold over nickel plating
- Shield: Bronze with nickel plated

MJ7028-88S
**MJ6018-88X Reduced Xtalk 180D PCB Jack**

**Material:**

**MJ6018-88X**
**MJ6028-88X Reduced Xtalk 180D PCB Jack**

**Material:**
1. Housing: Glass filled PBT, UL 94V-0  
   Standard color: Black
2. Contact: Ø0.46mm diameter phosphor bronze gold over nickel plating

**Patented:**
TW : M215911 2003/12/11
MJ0502-XXX  RJ45 two rows shielded gang jack

**Specification:**
- Shielded 0.25mm thickness stainless case tin plated on ground pin
- Housing: Standard material zytel FR-50 UL 94V-0
- Contacts: 0.35mm thickness alloy C5210,
  
gold plating over nickel pin contact area.
  
tin plating over nickel in solder area.
- Gold Plating: Selective gold plating

**Ordering Information:**

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**MJ0543-88/MJ0543-88S 8P8C Side Entry Jack**

**Specification:**

1. **Housing:** Glass filled PBT, UL 94V-0  
   Glass filled polyester, UL 94V-0 (optional)  
   Standard color: Black

2. **Contact:** Ø0.46mm diameter phosphor bronze  
   gold over nickel plating

3. **Shield:** Stainless steel SS301  
   Grounding pin: Tin plated for soldering

4. **Part No.:** MJ0543-88 8P8C (Unshielded)  
   MJ0543-88S 8P8C (Shielded)

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<th>Z</th>
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<td>Type C</td>
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**MJ0543-00/MJ0543-00S 10P10C Side Entry Jack**

**Specifiication:**

1. **Housing:** Glass filled PBT, UL 94V-0  
   Glass filled polyester, UL 94V-0 (optional)  
   Standard color: Black
2. **Contact:** Ø0.46mm diameter phosphor bronze  
   gold over nickel plating
3. **Shield:** Stainless steel SS301  
   Grounding pin: Tin plated for soldering
4. **Part No.:**  
   MJ0543-00  10P10C (Unshielded)  
   MJ0543-00S  10P10C (Shielded)

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<th>Y (mm)</th>
<th>Z (mm)</th>
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<td>Type C</td>
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**MJ3014-88/MJ3014-88S  8P8C SMT Jack (90 degree)**

- **8P8C PCB jack side entry, SMT type**
- **Modular shielded 8P right angle**

**Materials:**

- Housing: Standard material: Zytel FR-50 UL94V-0
- Standard Color: Black, White (optional)
- Contact: 0.35mm thickness alloy C5210, 30μ/0.76μm gold over nickel plating

  - Part No.: MJ3014-88  8P8C

- Housing: Standard material: Zytel FR-50 UL94V-0
- Standard color: Black, White (optional)
- Contact: 0.35mm thickness alloy C5210, 30μ/0.76μm gold over nickel plating
- Shield: 0.20mm thickness copper alloy with tin plated

  - Part No.: MJ3014-88S  8P8C (Shielded)
**MJ3017-8X/MJ3017-8XS 8P8C top entry jack**

**Materials:**
- Housing: PBT UL 94V-0.
- Contact: 0.35mm thickness phosphor bronze, 30μm/0.76μm gold over 100μm/2.54μm nickel plated.
- Standard color: White

**Electrical**
- Current rating: 1.5 Amps.
- Insulation resistance: 500 Mohm min/500V.
- Contact resistance: 20 mohm max.
- Dielectric with standing voltage: 1000 VAC, RMS, 60Hz.

**Mechanical**
- Retention: 7.7 kgs/17.0 lbs between the socket and plug.
- Reliability 1,500 mating cycles.

**Part No:**
- MJ3017-88 8P8C
- MJ3017-84 8P4C
- MJ3017-88S 8P8C (Shielded)
- MJ3017-84S 8P4C (Shielded)
**MJ0503-66/MJ0503-66S  6P6C low profile jack**

**Specification:**

1. Housing: Glass filled PBT, polyester (optional), UL 94V-0
2. Contact: 0.35mm thickness phosphor bronze gold over nickel plating on contact area, tin plating on tail area
3. Upper contact cover: PBT, UL 94V-0
4. Part No.: MJ0503-66

**MJ0503-66S**

**Specification:**

1. Housing: Glass filled PBT, polyester (optional), UL 94V-0
2. Contact: 0.35mm thickness phosphor bronze gold over nickel plating on contact area, tin plating on tail area
3. Upper contact cover: PBT, UL 94V-0
4. Shield: 0.25mm thickness stainless steel SS301, Grounding pin: Tin plated for soldering
5. Part No.: MJ0503-66S (Shielded)
**MJ0503-88/MJ0503-88S 8P8C Low profile side entry jack**

**Modular jack 8P right angle MJ0503-88**

**Modular shielded 8P right angle MJ0503-88S**

**Specification:**

1. Housing: Glass filled PBT, polyester (optional), UL 94V-0
2. Contact: 0.35mm thickness phosphor bronze gold over nickel plating on contact area, tin plating on tail area
3. Upper contact cover: PBT, UL 94V-0
4. Part No.: MJ0503-88

5. Part No.: MJ0503-88S (Shielded)

**Specification:**

1. Housing: Glass filled PBT, polyester (optional), UL 94V-0
2. Contact: 0.35mm thickness phosphor bronze gold over nickel plating on contact area, tin plating on tail area
3. Upper contact cover: PBT, UL 94V-0
4. Shield: 0.25mm thickness stainless steel SS301, Grounding pin: Tin plated for soldering
5. Part No.: MJ0503-88S (Shielded)
**MJ0523-XX 8P/6P/4P top entry jack**

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0
   Glass filled polyester, UL 94V-0 (optional)
   Standard color: Black
2. Contact: 0.35mm thickness phosphor bronze
   gold over nickel plating on contact area, tin plating on tail area
3. Part No.:
   - MJ0523-44 4P4C
   - MJ0523-54 6P4C
   - MJ0523-66 8P6C
   - MJ0523-66D (Dec Type) (MMJ Type) 6P6C
   - MJ0523-88 8P8C
   - MJ0523-88K (Keyed) 8P8C

<table>
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<th>No. of POS.</th>
<th>Dimension (mm/inch)</th>
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<tr>
<td>8</td>
<td>18.03/0.710</td>
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</table>

**MJ0523-XXS 8P8C top entry shielded jack**

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0
   Glass filled polyester, UL 94V-0 (optional)
   Standard color: Black
2. Contact: 0.35mm thickness phosphor bronze
   gold over nickel plating on contact area, tin plating on tail area
3. Shield: Copper alloy tin plated
4. Part No.: **MJ0523-88S** (Shielded)
**MJ0520  8P/6P/4P side entry flanged jack**

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0
   Glass filled polyester, UL 94V-0 (optional)
   Standard color: Black
2. Contact: 0.35mm thickness phosphor bronze
   gold over nickel plating on contact area,
   tin plating on tail area
3. **Part No.** :
   MJ0520-44  4P4C
   MJ0520-64  6P4C
   MJ0520-66  6P6C
   MJ0520-88  8P8C

**Dimension (mm/inch)**

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<thead>
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</table>

**MJ0524  10P/8P/6P/4P side entry jack**

**Material:**
1. Shielded: 0.2mm thickness copper alloy with nickel plated.
2. Housing: PBT + 30% glass-fiber UL-94V-0 standard color (Black)
3. Insert: PBT + 30% glass-fiber UL-94V-0. color Black.
4. Contact: 0.95mm thickness alloy C5210.
   Gold plating over nickel in contact area.
   Tin plating over nickel in solder area.
5. Gold plating: Selective gold plating.
6. **Part No.** :
   MJ0524-44 (unshielded)  MJ0524-44S (shielded)  4P4C
   MJ0524-66 (unshielded)  MJ0524-66S (shielded)  6P6C
   MJ0524-88 (unshielded)  MJ0524-88S (shielded)  8P8C
   MJ0524-00 (unshielded)  MJ0524-00S (shielded)  10P10C

**Dimension (mm/inch)**

<table>
<thead>
<tr>
<th>No. of POS</th>
<th>A</th>
<th>B</th>
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</table>
**MJ0525L**  SMT 8P/6P/4P side entry jack

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0
   Glass filled polyester, UL 94V-0 (optional)
   Standard color: Black
2. Contact: 0.46mm diameter phosphor bronze gold over nickel plating
3. Part No.:
   - MJ0525L-44  4P4C
   - MJ0525L-64  6P4C
   - MJ0525L-66  6P6C
   - MJ0525L-88  8P8C

<table>
<thead>
<tr>
<th>No. of POS.</th>
<th>Dimension (mm/inch)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>4</td>
<td>11.18/0.440</td>
</tr>
<tr>
<td>6</td>
<td>13.20/0.520</td>
</tr>
<tr>
<td>8</td>
<td>15.24/0.600</td>
</tr>
</tbody>
</table>

**MJ0527**  PCB 6P/4P side entry jack

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0
   Glass filled polyester, UL 94V-0 (optional)
   Standard color: Black
2. Contact: 0.46mm diameter phosphor bronze gold over nickel plating
3. Part No.:
   - MJ0527L-44  MJ0527S-44  4P4C
   - MJ0527L-64  MJ0527S-64  6P4C
   - MJ0527L-66  MJ0527S-66  6P6C
   - MJ0527L-66D (Dec type) (MMJ type)  6P6C

   MJ0527L: L for 1.6mm PCB use A=1.65mm
   MJ0527S: S for 0.8mm PCB use A=0.85mm
**MJ0528 PCB 6P/4P side entry jack**

**Specification:**

1. Housing: Glass filled nylon 66, UL 94V-0  
   Glass filled polyester, UL 94V-0 (optional)  
   Standard color: Black  
2. Contact: 0.46mm diameter phosphor bronze gold over nickel plating  
3. Part No.:  
   MJ0528L-64  MJ0528S-64P4C  
   MJ0528L-66  MJ0528S-66P6C  
   MJ0528L: L for 1.6mm PCB use A=1.8mm B=3.1mm C=3.6mm  
   MJ0528S: S for 0.8mm PCB use A=1.02mm B=2.3mm C=2.8mm

---

**MJ0534 PCB 8P/6P/4P low profile jack**

**Specification:**

1. Housing: Glass filled nylon 66, UL 94V-0  
   Glass filled polyester, UL 94V-0 (optional)  
   Standard color: Black  
2. Contact: 0.35mm thickness phosphor bronze gold over nickel plating on contact area, tin plating on tail area  
3. Part No.:  
   MJ0534-44  4P4C  
   MJ0534-64  6P4C  
   MJ0534-66  6P6C  
   MJ0534-88  8P8C
**MJ0538  PCB 4P side entry jack**

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0  
   Glass filled polyester, UL 94V-0 (optional)  
   Standard color: Grey
2. Contact: 0.46mm diameter phosphor bronze  
   gold over nickel plating
3. Part No.:  
   MJ0538L-44  4P4C  
   MJ0538S-44  4P4C  
   MJ0538L: L for 1.6mm PCB use A=1.8mm  
   B=3.1mm  C=3.6mm  
   MJ0538S: S for 0.8mm PCB use A=1.02mm  
   B=2.3mm  C=2.8mm

**MJ0539  PCB 8P/6P/4P side entry jack**

**Specification:**
1. Housing: Glass filled nylon 66, UL 94V-0  
   Glass filled polyester, UL 94V-0 (optional)  
   Standard color: Black
2. Contact: 0.46mm diameter phosphor bronze  
   gold over nickel plating
3. Part No.:  
   MJ0539L-M  MJ0539S-44  4P4C  
   MJ0539L-64  MJ0539S-64  6P4C  
   MJ0539L-66  MJ0539S-66  6P6C  
   MJ0539L-88  MJ0539S-88  8P8C  
   MJ0539L: L for 1.6mm PCB use D=1.65mm  
   MJ0539S: S for 0.8mm PCB use D=0.85mm

<table>
<thead>
<tr>
<th>No. of POS.</th>
<th>Dimension (mm/inch)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>A</td>
</tr>
<tr>
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<td>10.00/0.394</td>
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<tr>
<td>6</td>
<td>12.20/0.480</td>
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<tr>
<td>8</td>
<td>15.10/0.594</td>
</tr>
</tbody>
</table>
# TA0538P Standard Hill-Vale 8p 110 IDC

**Specification:**
1. Housing: PC UL94V-0
2. Contacts: Phosphor bronze, Tin plating

**Color Code Reference:**

<table>
<thead>
<tr>
<th>P/N</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>S9354-11</td>
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<tr>
<td>S9354-12</td>
<td></td>
</tr>
<tr>
<td>S9318-09</td>
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</tr>
<tr>
<td>S9354-08</td>
<td></td>
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<tr>
<td>S9354-09</td>
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<tr>
<td>S9354-10</td>
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<td>S9338-16</td>
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</tr>
<tr>
<td>S9338-09</td>
<td></td>
</tr>
</tbody>
</table>

*Images of the TA0538P connector and its color codes.*
**TA0528P Straight 8-pin 110 IDC**

**Specification:**
1. Housing: Polycarbonate (PC), UL 94V-0
2. Contacts: Phosphor bronze, Tin plated
3. Cover: ABS UL 94V-0 transparent, 4 pin X 2
4. Fully compatible with AT&T mounting bases AT&T patch cords, tools, and other AT&T 110 accessories.
5. Terminiate 22/24/26 AWG wire.

**Ordering Information:**

<table>
<thead>
<tr>
<th>TA0528</th>
<th>XX</th>
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</thead>
<tbody>
<tr>
<td>01</td>
<td>w/o color code, w/o caps</td>
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<tr>
<td>02</td>
<td>w/o color code, with 2 caps</td>
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<tr>
<td>03</td>
<td>With color code*, w/o caps</td>
</tr>
<tr>
<td>04</td>
<td>With color code*, with 2 caps</td>
</tr>
</tbody>
</table>

*Note: please define your color code as below.*
**TA0525P 5-pin 110 IDC**

**Specification:**
1. Housing: Polycarbonate (PC), UL 94V-0
2. Contacts: Phosphor bronze, Tin plated
3. Cover: ABS UL 94V-0 transparent, 4 pin X 2
4. Fully compatible with AT&T mounting bases, AT&T patch cords, tools, and other AT&T 110 accessories.
5. Terminate 22/24/26 AWG wire.

**Ordering Information:**

<table>
<thead>
<tr>
<th>TA052XP</th>
<th>XX</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>01 : w/o color code, w/o caps</td>
</tr>
<tr>
<td>02 : w/o color code, with caps</td>
<td></td>
</tr>
<tr>
<td>03 : With color code*, w/o caps</td>
<td></td>
</tr>
<tr>
<td>04 : With color code*, with caps</td>
<td></td>
</tr>
</tbody>
</table>

*Note: please define your color code as below.

*TA0525P*
TA0524P 4-pin 110 IDC

**Specification:**
1. Housing: Polycarbonate (PC), UL 94V-0
2. Contacts: Phosphor bronze, Tin plated
3. Cover: ABS UL 94V-0 transparent, 4 pin X 2
4. Fully compatible with AT&T mounting bases AT&T patch cords, tools, and other AT&T 110 accessories.
5. Terminate 22/24/26 AWG wire.

**Ordering Information:**

<table>
<thead>
<tr>
<th>TA052XP</th>
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<tbody>
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<tr>
<td>02</td>
<td>02 : w/o color code, with caps</td>
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<tr>
<td>03</td>
<td>03 : With color code*, w/o caps</td>
</tr>
<tr>
<td>04</td>
<td>04 : With color code*, with caps</td>
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</tbody>
</table>

*Note: Please define your color code as below.*

**TA0524P**
TA0518P  8-pin 110 & Krone tool IDC

### Specification:
1. Housing: Polycarbonate (PC), UL 94V-0
2. Contacts: Phosphor bronze, Tin plated
3. Cover: ABS UL 94V-0 transparent, 4 pin X 2
4. Fully compatible with AT&T mounting bases AT&T patch cords, tools, and others AT&T 110 accessories.
5. Terminates 22/24/26 AWG wire.

### Ordering Information:

<table>
<thead>
<tr>
<th>TA0518P - XX</th>
<th>01 : w/o color code, w/o caps</th>
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</thead>
<tbody>
<tr>
<td>02 : w/o color code, with caps</td>
<td></td>
</tr>
<tr>
<td>03 : With color code*, w/o caps</td>
<td></td>
</tr>
<tr>
<td>04 : With color code*, with caps</td>
<td></td>
</tr>
</tbody>
</table>

8 : 8-pin

*Note: Please define your color code as below.
**TA0515P 5-pin 110 & Krone tool IDC**

**Specification:**
1. Housing: PC UL 94V-0
2. Cover: ABS UL 94V-0 transparent, option Black
3. Contacts: Phosphor bronze, tin plating
4. Punchdown can use 110 or Krone LSA tool terminate 22/24/26 AWG wire

**Ordering Information:**

<table>
<thead>
<tr>
<th>TA051XP</th>
<th>XX</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01 : w/o color code, w/o caps</td>
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<tr>
<td>4 : 4-pin</td>
<td>02 : w/o color code, with caps</td>
</tr>
<tr>
<td>5 : 5-pin</td>
<td>03 : With color code*, w/o caps</td>
</tr>
<tr>
<td></td>
<td>04 : With color code*, with caps</td>
</tr>
</tbody>
</table>

*Note please define your color code as below.
## TA0514P 4-pin 110 & Krone tool IDC

### **Specification:**
1. Housing: PC UL 94V-0
2. Cover: ABS UL 94V-0 transparent, option Black
3. Contacts: Phosphor bronze, tin plating
4. Punchdown can use 110 or Krone LSA tool terminate 22/24/26 AWG wire

### **Ordering Information:**

<table>
<thead>
<tr>
<th>TA051XP</th>
<th>-</th>
<th>XX</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>01</td>
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</tr>
<tr>
<td>4 : 4-pin</td>
<td>02</td>
<td>w/o color code, with caps</td>
</tr>
<tr>
<td>5 : 5-pin</td>
<td>03</td>
<td>With color code*, w/o caps</td>
</tr>
<tr>
<td></td>
<td>04</td>
<td>With color code*, with caps</td>
</tr>
</tbody>
</table>

*Note: please define your color code as below.*
### LSA (Krone) IDC block

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA0564P</td>
<td>4-pole block w/o printing</td>
<td>white</td>
</tr>
<tr>
<td>TA0568P</td>
<td>8-pole block w/o printing</td>
<td>white</td>
</tr>
</tbody>
</table>
8 & 10 Pairs Connection & Disconnection module

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Color</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>KL10C</td>
<td>10 Pairs Connection module</td>
<td>All Grey</td>
<td>PBT</td>
</tr>
<tr>
<td>KL10D</td>
<td>10 Pairs Disconnection module</td>
<td>White on Grey</td>
<td>PBT</td>
</tr>
<tr>
<td>KL08C</td>
<td>8 Pairs Connection module</td>
<td>All Grey</td>
<td>PBT</td>
</tr>
<tr>
<td>KL08D</td>
<td>8 Pairs Disconnection module</td>
<td>White on Grey</td>
<td>PBT</td>
</tr>
</tbody>
</table>

10 Pairs module dimension = 123.3 x 21.3 x 39.5mm (LxWxH)
8 Pairs module dimension = 103.2 x 21.3 x 39.5 mm (LxWxH)

Connection “A” contact (color grey) is a one-piece metal which provides a permanent connection between the two opposite contacts on the cable and jumper sides. An additional center contact is arranged between the contact pair to permit the parallel connection of a test cord or the installation of over voltage arrestors. The connection contact is used on the system or permanent cabling side of distributors.

Disconnection “C” contact (color white) is a two-piece metal setting in normally closed position. Insert disconnection plug or test cord into the center contact to disconnect the cabling and jumper sides. Disconnection contact is used in the subscriber or network side of distributors where it may be necessary to isolate the line for test purpose.
### Accessories

#### KH19-10
- **Part No.:** KH19-10
- **Description:** Label Holder Set
- **Color:** Grey

#### KH20-10
- **Part No.:** KH20-10
- **Description:** Pairs Hinged Label Holder Set
- **Color:** Transparent

#### KP061-RD
- **Part No.:** KP061-BK
- **Description:** Disconnection Plug
- **Color:** Black

#### KP062-XX
- **Part No.:** KP062-BK
- **Description:** Marking Plug
- **Color:** Black

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>KH19-10</td>
<td>Label Holder Set</td>
<td>Grey</td>
</tr>
<tr>
<td>KH20-10</td>
<td>Pairs Hinged Label Holder Set</td>
<td>Transparent</td>
</tr>
<tr>
<td>KP061-BK</td>
<td>Disconnection Plug</td>
<td>Black</td>
</tr>
<tr>
<td>KP061-WH</td>
<td>Disconnection Plug</td>
<td>White</td>
</tr>
<tr>
<td>KP061-RD</td>
<td>Disconnection Plug</td>
<td>Red</td>
</tr>
<tr>
<td>KP061-YL</td>
<td>Disconnection</td>
<td>Yellow</td>
</tr>
<tr>
<td>KP062-BK</td>
<td>Marking Plug</td>
<td>Black</td>
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<tr>
<td>KP062-WH</td>
<td>Marking</td>
<td>White</td>
</tr>
<tr>
<td>KP062-RD</td>
<td>Marking Cap</td>
<td>Red</td>
</tr>
<tr>
<td>KP062-YL</td>
<td>Marking Cap</td>
<td>Yellow</td>
</tr>
<tr>
<td>KP062-OR</td>
<td>Marking Cap</td>
<td>Orange</td>
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</tbody>
</table>
Protection

**Part No.** | **Description** | **Color** | **Material**
--- | --- | --- | ---
KP301-00 | 10 Pairs 3 Pole Magazine empty | Grey | PBT
KP201-00 | 10 Pairs 2 Pole Magazine empty | Grey | PBT

**Part No.** | **Description** | **Overvoltage**
--- | --- | ---
KG3350-FS | 3 Pole Gas Discharge Tube with Fail-Safe | 350 Ohm
KG3350-00 | 3 Pole Gas Discharge Tube w/o Fail-Safe | 350 Ohm
KG3230-FS | 3 Pole Gas Discharge Tube with Fail-Safe | 230 Ohm
KG3230-00 | 3 Pole Gas Discharge Tube w/o Fail-Safe | 230 Ohm
KG-2230 | 2 Pole Bipolar Gas Discharge Tube | 230 Ohm
KP100 | 1 Pair Lightning Protector | 230 Ohm
## Mounting Frames

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Pairs</th>
<th>Length x Width x Depth (mm)</th>
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</thead>
<tbody>
<tr>
<td>KF1050-10</td>
<td>10</td>
<td>22.5x105x50</td>
</tr>
<tr>
<td>KF1050-20</td>
<td>20</td>
<td>45 x 105 x 50</td>
</tr>
<tr>
<td>KF1050-30</td>
<td>30</td>
<td>67.5 x 105 x 50</td>
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<tr>
<td>KF1050-50</td>
<td>50</td>
<td>12.5 x 105 x 50</td>
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<tr>
<td>KF1050-60</td>
<td>60</td>
<td>135 x 105 x 50</td>
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<td>KF1050-80</td>
<td>80</td>
<td>180 x 105 x 50</td>
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<td>KF1050-100</td>
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<td>KF1050-110</td>
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<td>247.5 x 105 x 5</td>
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<td>KF1050-160</td>
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<td>360 x 105 x 50</td>
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<td>KF1070-160</td>
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<td>KF1070-210</td>
<td>210</td>
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<tr>
<td>KF1070-310</td>
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<td>697.5 x 105 x 70</td>
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## Outdoors Box for Subscriber Terminal Block (STB)

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>KB20-2</td>
<td>2 Pairs STB outdoor box empty</td>
</tr>
<tr>
<td>KB20-4</td>
<td>4 Pairs STB outdoor box empty</td>
</tr>
<tr>
<td>KB20-10</td>
<td>10 Pairs STB outdoor box empty</td>
</tr>
<tr>
<td>KB20P</td>
<td>1 Pair STB module with protector</td>
</tr>
<tr>
<td>KB20</td>
<td>1 Pair STB module w/o protector</td>
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</table>
### Installation Tools

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>KT2100</td>
<td>Termination tool for LSA block and IDC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>KS33</td>
<td>UIB Splicing Connector</td>
</tr>
<tr>
<td>KS34</td>
<td>UP2 Splicing Connector</td>
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<tr>
<td>KS32</td>
<td>UY2 Splicing Connector</td>
</tr>
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<td>KS38UY</td>
<td>Splicing Connector</td>
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