YT-RJ45 WATERPROOF CONNECTOR

- Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801. RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S.
- Multi-style connecting modes: 1/4 bayonet connect (YT01), quickly plug/unplug (YT09/04).
- Applicable for harsh environments.
- Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle.
- Sheath of cable applicable for common RJ45 plugs.
- Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof.
- Electroplated shell against wind and rain.
- Shielding system with high frequency noise immunity and electromagnetic interference protection.

- YT-RJ45-JSX-01-001
  - RJ45-01 female socket
- YT-RJ45-CPE-01-001
  - RJ45-01 male plug
- RJ45-01 direct ethernet port

- Fireproof PBT material
- RJ45 straight connect
- PCB switch
Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801, RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S
Multi-style connecting modes: 1/4 bayonet connect (YT01), quickly plug/unplug (YT09/04)
Applicable for harsh environments
Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle
Sheath of cable applicable for common RJ45 plugs
Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof
Electroplated shell against wind and rain
Shielding system with high frequency noise immunity and electromagnetic interference protection
Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801, RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S

Multi-style connecting modes: 1/4 bayonet connect (YT01), quickly plug/un plug (YT09/04)

Applicable for harsh environments

Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle

Sheath of cable applicable for common RJ45 plugs

Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof

Electroplated shell against wind and rain

Shielding system with high frequency noise immunity and electromagnetic interference protection

YT-RJ45-CPE-09-001
RJ45-09 straight plug

YT-RJ45-JSX-09-001
RJ45-09 female socket 01 (straight dual ethernet ports IP65)

YT-RJ45-JSX-20-200
RJ45 Signal converter

Clear push symbol

Waterproof push button

PCB switch
YT-RJ45 WATERPROOF CONNECTOR

- Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801, RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S
- D-panel connectors, metal shell and locking system
- Shielding system with high frequency noise immunity and electromagnetic interference protection
- Push-pull design with secure locking system, and optional installation of straight or PCB adapter
- Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle
- Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof
- Solid connections system can provide the solutions for data transmission in harsh environments
- Not included crystal head and cable

YT-RJ45-CPE-04-001 RJ45-04 snap-fastener plug
YT-RJ45-JSX-19-001 Snap-fastener socket (single ethernet port IP44)
YT-RJ45-JSX-16-001 Snap-fastener socket (dual ethernet ports IP44)
YT-RJ45-JSX-18-001 Snap-fastener socket (dual ethernet ports IP44)

Straight connect
IP65 waterproof silica gel
PCB switch

YT-RJ45-JSX-17-001 Snap-fastener socket (single ethernet port IP65)
### YT-RJ45 SERIES SPECIFICATIONS SHEET

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable specification</td>
<td>0.15m - 0.2m / 26-24 AWG</td>
</tr>
<tr>
<td>Diameter range</td>
<td>Φ5.5mm - Φ7mm</td>
</tr>
<tr>
<td>Contact diameter × number</td>
<td>8</td>
</tr>
<tr>
<td>Rated Current (A)</td>
<td>1.5A</td>
</tr>
<tr>
<td>Operating voltage (AC.V.rms)</td>
<td>1000V</td>
</tr>
<tr>
<td>Contact resistance</td>
<td>&lt;30mΩ</td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>&gt; 500MΩ</td>
</tr>
<tr>
<td>Protection level</td>
<td>IP65/IP67</td>
</tr>
<tr>
<td>Durability</td>
<td>&gt; 500</td>
</tr>
<tr>
<td>Working temperature</td>
<td>-40°C – 80°C</td>
</tr>
<tr>
<td>Assembly Wire</td>
<td>Plug/unplug</td>
</tr>
<tr>
<td>Housing, the insulating parts</td>
<td>High-performance engineering plastics</td>
</tr>
<tr>
<td>Hardware</td>
<td>Zinc Alloy (pearl hard chrome)</td>
</tr>
<tr>
<td>Copper needles</td>
<td>Copper alloy (gold-plated 4U)</td>
</tr>
<tr>
<td>Waterproof circle</td>
<td>Silica gel</td>
</tr>
<tr>
<td>Flammability rating</td>
<td>UL94-V0</td>
</tr>
</tbody>
</table>
**MODEL CODE**

<table>
<thead>
<tr>
<th>Product series</th>
<th>PE clamping cable plug</th>
<th>SX socket (dimensions figure)</th>
<th>Installation hole figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>YA YP YW YM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YK YF LP YZ</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of needle**
- C - male pin
- J - female pin
- K - male & female pin
- R - RJ45
- U - USB
- F - fibre optics

**Connecting of wire**
- 0 - solder
- 1 - pressure
- 2 - lock
- 3 - rivet
- 4 - others

**special code**
- material
- color

**MODEL CODE**

| YT 20 C03 PE 01 001 |

- Installation size: 16 20 24 36
- No. of pins:
  - 02 - 2 pin
  - 03 - 3 pin
  - 04 - 4 pin
  - 05 - 5 pin
  - 07 - 7 pin
  - 09 - 9 pin
  - 12 - 12 pin
- Gender:
  - PE - plug
  - SX - socket
  - PP - connecting/dock
- Generation for update

**CONNECTION SCHEMES RJ45-01**

**DIMENSION FIGURE**

Dimensions figure

Dimensions figure (dimensions figure)

SX socket (dimensions figure)

Installation hole figure