

3M™ RJ45 Category 6 Jacks

3M Category 6 copper interconnect products work together to provide an easy-to-use solution for deploying high-speed connections throughout a building. The 3M™ RJ45 Jack is a key component in this system.

The jack's unique two cable entry points help make installation simple. The traditional one-click design enables an easy, tool-less termination on shielded cables, meeting industry performance standards.



| Feature | Benefit |
|---|---|
| Tool-less jack | Easy and quick to install. Fast, reliable connection. All 8 copper conductors are wired in a single operation. Quality of connection by design: just listen for the click. |
| Two cable entry points | Easier cable management. More space and flexibility to ensure the cable minimum bend radius is not compromised. Enables a wide range of cable routing options. Easy to use in tight spaces. Just one product for all applications |
| Reusable | If a wiring mistake is made, there is no need to use a new jack, which means virtually no wasted inventory. |
| Clip-in mounting | RJ45 modular jack design can fit many other accessories on the market using the standard clip-in mounting. |
| Accepts both AWG 26-22 solid and stranded conductors | Compatible with many cables on the market and enables "jack to plug" cables to be manufactured using stranded conductors (for use in open office architectures). |
| Integral shutter | Increased dust protection, especially during installation or in a dirty environment. No additional shuttering required on faceplates. |

| Specifications | |
|---|---|
| Standards compliance | Use in permanent links with dedicated cable types results in compliance to ISO/IEC 11801:2011 or EN 50173-1:2011 Class EA and Category 6A ANSI/TIA 568-C.2:2009 |
| Electrical performance Operating voltage Lead through resistance Insulation resistance | < 75 VDC < 200 MΩ > 500 MΩ |
| Environmental compliance Operating temperature | -10° C to 60° C (14° F to 140° F) |
| Mechanical specifications Conductor diameter Max. diameter of wire insulation Protection contacts | Solid wires: 0.50 to 0.65 mm (26-22 AWG) 1.6 mm 0.5 μm in contact zone |

3M™ RJ45 Jack Ordering Information

| Product Number | Description | 3M ID | Min. Order |
|----------------|---------------------------------|----------------|--------------------|
| VOL-OCK6U-8 | 3M RJ45 Cat. 6 UTP Jack, white | FQ-1000-3125-8 | 6 bags of 8 each |
| VOL-OCK6U-V | 3M RJ45 Cat. 6 UTP Jack, white | FQ-1000-3124-1 | 1 bulk pack of 480 |
| VOL-OCK6U-BK8 | 3M RJ45 Cat. 6 UTP Jack, black | FQ-1000-3120-9 | 6 bags of 8 each |
| VOL-OCK6U-BKV | 3M RJ45 Cat. 6 UTP Jack, black | FQ-1000-3126-6 | |
| VOL-OCK6U-BL8 | 3M RJ45 Cat. 6 UTP Jack, blue | FQ-1000-3116-7 | 6 bags of 8 each |
| VOL-OCK6U-G8 | 3M RJ45 Cat. 6 UTP Jack, green | FQ-1000-3117-5 | 6 bags of 8 each |
| VOL-OCK6U-R8 | 3M RJ45 Cat. 6 UTP Jack, red | FQ-1000-3118-3 | 6 bags of 8 each |
| VOL-OCK6U-Y8 | 3M RJ45 Cat. 6 UTP Jack, yellow | FQ-1000-3119-1 | 6 bags of 8 each |