

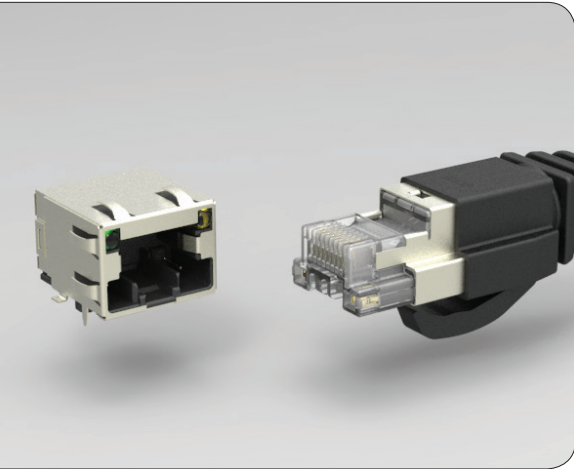
CLOUDSPLITTER

Ethernet and Power Technology

The CLOUDSPLITTER connector system is a single cable solution for powered devices that delivers Cat5e performance and up to 250 watts of power over a single cable. The 8 position RJ45 jack is surface mountable and includes integrated LED indicator lights. The jack accepts CLOUDSPLITTER or standard RJ45 shielded plugs and provides DC power at 5A up to 50VDC over two integrated power contacts. Cable assemblies combine eight 26AWG stranded signal conductors and two 18AWG stranded power conductors in shielded or unshielded configurations.



INTELLIGENT BUILDINGS



Typical Applications

- Video surveillance over IP networks
- Intelligent building management
- Factory automation
- Wireless network transceivers

Benefits

- Cat 5e and DC power in one connection to help standardize your inventory
- SMT compatible packaged on tape and reel
- SMT Jack accepts standard RJ45 shielded plug in addition to CLOUDSPLITTER plug assembly
- Shielded SMT jack and cable plug
- Cable combines signal and power available in shielded or unshielded configuration
- Pre-terminated cable assemblies in standard lengths
- RoHS/REACH Compliant
- Lead-free reflow solder capable
- Cable is UL444 and CM rated
- Certified to UL 1863

MECHANICAL

- Operating temperature: - 40° to +85°C
- 8 signal and 2 position power positions

ELECTRICAL

- Signal: 1.5 A / 150 VAC/DC
- Power: 5 A / 50 VDC

MATERIALS

Surface Mount Jack

- Plug Housing: Clear PC
- Contacts: Copper alloy / gold over nickel finish
- Shield: Copper alloy / tin over nickel finish
- Strain Relief: Black TPV
- Cable Jacket: Black PVC

Cable Assembly

- Plug Housing: Clear PC
- Contacts: Copper alloy / gold over nickel finish
- Shield: Copper alloy / tin over nickel finish
- Strain Relief: Black TPV
- Cable Jacket: Black PVC

APPLICATIONS AND SPECIFICATIONS

- UL 1863 Approved
- Cable is UL444 compliant and CM rated
- RoHS/REACH Compliant
- Application specification #: [114-32051 \(Jack\)](#)
- [114-32099 \(Plug Assembly\)](#)
- Product Specification #: [108-64022](#)

PRODUCT OFFERING



Surface Mount Jacks

| TE Part Number | Description |
|----------------|-------------------------|
| 2178126-1 | Mod Jack |
| 2178126-2 | Mod Jack w/o Power Pins |



Cable Assemblies

| TE Part Number | Description |
|----------------|---|
| 2178127-1 | 2-meter Unshielded (TE) cable assemblies |
| 2178127-2 | 5-meter Unshielded (TE) cable assemblies |
| 2178127-3 | 10-meter Unshielded (TE) cable assemblies |
| 2178127-4 | 25-meter Unshielded (TE) cable assemblies |

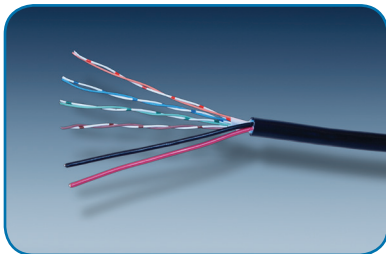
Plug Kits

| TE Part Number | Description |
|----------------|--|
| 2178148-1 | Kit, Plug (TE-unshielded cable assemblies) |



Tools

| TE Part Number | Description |
|----------------|--|
| 2217400-1 | CLOUDSPLITTER Crimp Tool |
| 2217299-1 | micro MATE-N-LOK Crimp Tool (power contacts) |



Bulk Cable

| TE Part Number | Description |
|----------------|---|
| 2213212-1 | Cable, Unshielded, 250 meters/reel (TE) |

FOR MORE INFORMATION

te.com/ib

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Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined te.com/leadfree

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INTELLIGENT BUILDINGS

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<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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