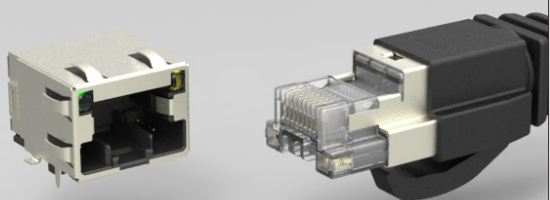




## CLOUDSPLITTER

### Connector System

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.



### 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

- Housing: GF high temperature thermoplastic, black
- Contacts: Copper alloy / gold over nickel finish
- Shield: Copper-zinc alloy / tin over nickel finish
- LED: Diffused epoxy lens, carbon steel wire leads

#### 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      | Modular Jack with power pins    |
| 2178126-2      | Modular Jack without 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 |
| 2213121-1      | 2-meter Shielded (TE) cable assemblies    |
| 2213121-2      | 5-meter Shielded (TE) cable assemblies    |
| 2213121-3      | 10-meter Shielded (TE) cable assemblies   |
| 2213121-4      | 25-meter Shielded (TE) cable assemblies   |

Plug Kits

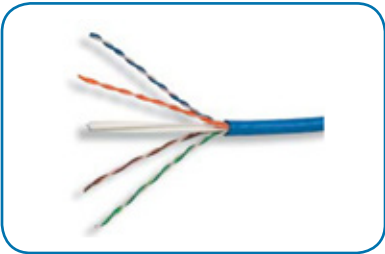
| TE Part Number | Description                                |
|----------------|--------------------------------------------|
| 2178148-1      | Kit, Plug (TE-unshielded cable assemblies) |
| 2178148-2      | Kit, Plug (TE - shielded cable assemblies) |



Tools

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

Both tools are required for assembly



Bulk Cable

| TE Part Number | Description                             |
|----------------|-----------------------------------------|
| 2213212-1      | Cable, Unshielded, 250 meters/reel (TE) |
| 2213212-2      | Cable, Shielded, 250 meters/reel (TE)   |

## FOR MORE INFORMATION

[te.com/fireandsecurity](http://te.com/fireandsecurity)

### TE Technical Support Center

|                   |                                              |
|-------------------|----------------------------------------------|
| Internet:         | <a href="http://te.com/help">te.com/help</a> |
| USA:              | +1 (800) 522-6752                            |
| Canada:           | +1 (905) 475-6222                            |
| Mexico            | +52 (0) 55-1106-0800                         |
| Latin/S. America: | +54 (0) 11-4733-2200                         |
| Germany:          | +49 (0) 6251-133-1999                        |
| UK:               | +44 (0) 800-267666                           |
| France:           | +33 (0) 1-3420-8686                          |
| Netherlands:      | +31 (0) 73-6246-999                          |
| China:            | +86 (0) 400-820-6015                         |

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

\*as defined [te.com/leadfree](http://te.com/leadfree)

## te.com

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