Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
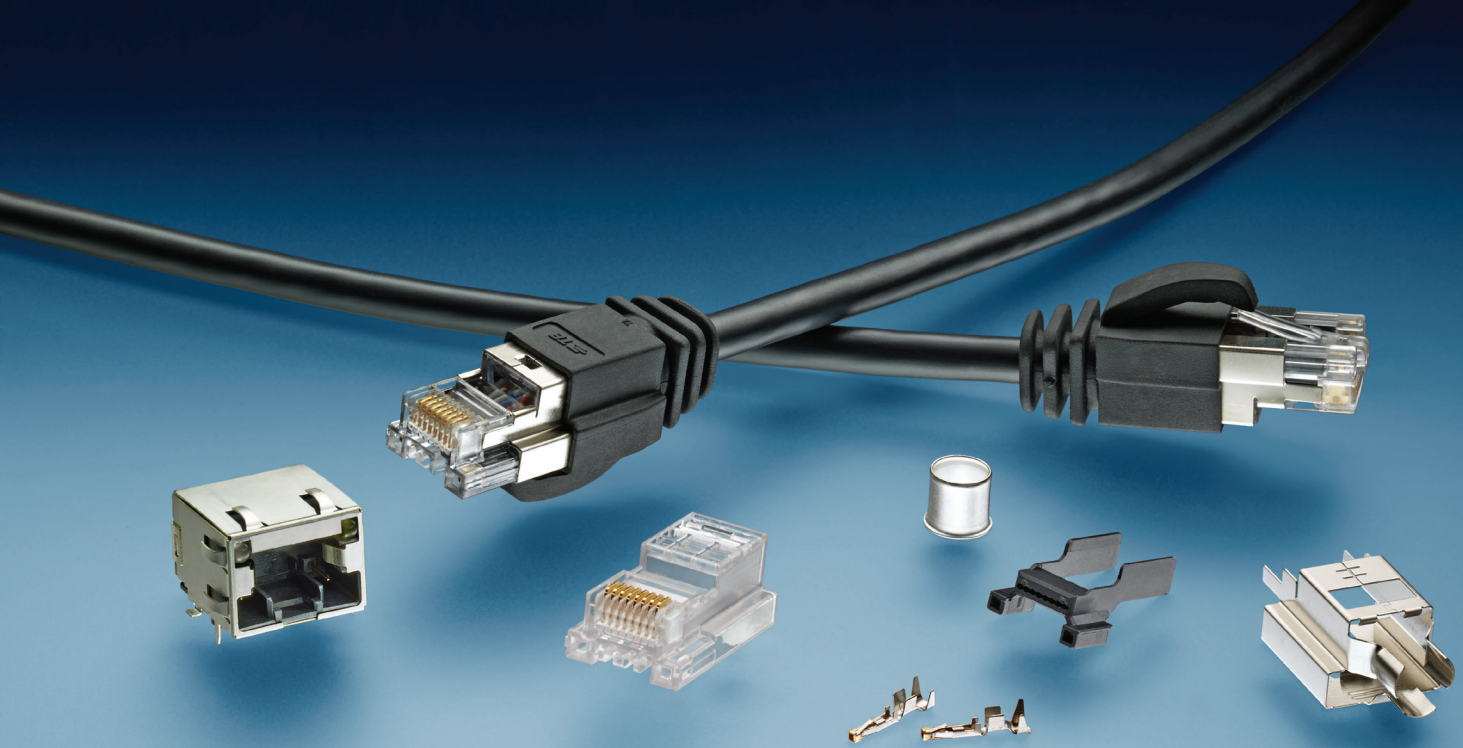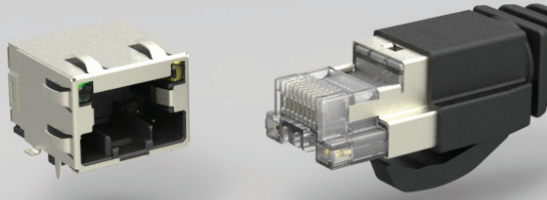
Contact us

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 conducters in shielded or unshielded configurations.

TE
connectivity

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 compatable 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
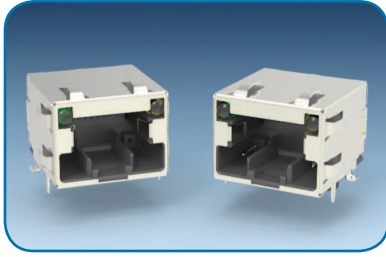- Cable Jacket: Black PVC

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**

INTELLIGENT BUILDINGS

PRODUCT OFFERING

Surface Mount Jacks

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

Cable Assemblies

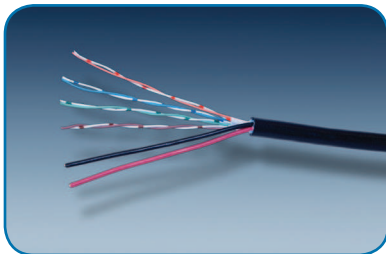| TE Part Number	Description
2178127-1	2-meter Unshielded (TE) cable assemblies
2178127-2	5-meter Unshielded (TE) cable assemblies
2178127-3	10-meter Unshielded (TE) cable assemblies
2178127-4	25-meter Unshielded (TE) cable assemblies

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)

INTELLIGENT BUILDINGS

FOR MORE INFORMATION

te.com/ib

TE Technical Support Center

Internet:	te.com/help
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

te.com

TE
connectivity

INTELLIGENT BUILDINGS