

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.



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

1.5 A / 150 VAC/DC

Copper alloy / gold over nickel finish

Copper alloy / gold over nickel finish

Copper alloy / tin over nickel finish

Copper alloy / tin over nickel finish

5 A / 50 VDC

Clear PC

Black TPV

Black PVC

Clear PC

ELECTRICAL

- Signal:
- Power:

MATERIALS

Surface Mount Jack

- Plug Housing:
- Contacts:
- Shield:
- Strain Relief:
- Cable Jacket:

Cable Assembly

- Plug Housing:
- Contacts:
- Shield:
- Strain Relief: Black TPV
- Cable Jacket: Black PVC

APPLICATIONS AND SPECIFICATIONS

- UL 1863 Approved
- Cable is UL444 compliant and CM rated
- RoHS/REACH Compliant

• Product Specification #:

- Application specification #: 114-32051 (Jack)

114-32099 (Plug Assembly) 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

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

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