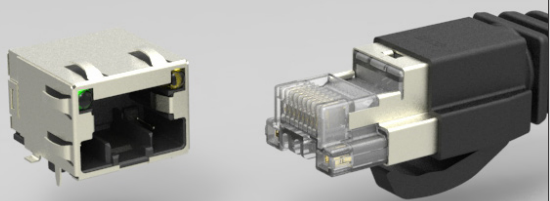# CLOUDSPLITTER
Connector System

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.

TE connectivity

INDUSTRIAL

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 without Power Pins

Cable Assemblies

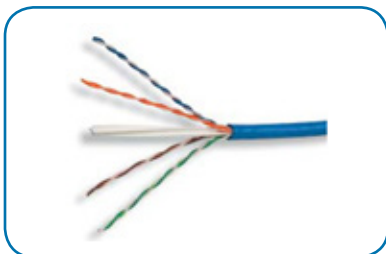| TE Part Number	Description
2178127-1	2-meter Unshielded (TE) cable assemblies
2178127-2	5-meter Unshielded (TE) cable assemblies
2178127-3	10-meter Unshielded (TE) cable assemblies
2178127-4	25-meter Unshielded (TE) cable assemblies
2213121-1	2-meter Shielded (TE) cable assemblies
2213121-2	5-meter 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)

INDUSTRIAL

PRELIMINARY

FOR MORE INFORMATION

te.com/fireandsecurity

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

INDUSTRIAL

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Multi-Conductor Cables *category:*

Click to view products by TE Connectivity *manufacturer:*

Other Similar products are found below :

8916-GRY-100 8918-GRN/YEL-100 8920-BRN-1000 8920-RED-1000 89907-LT-DEC/GRY-500 CR3909-000 CR3927-000 01342.35T.01 01364.35T.01 003201-000 CS2885-000 CS8782-000 CS9912-000 6200UE-NAT-U1000 CTC-0062-20-9/5-9 CTC-0062-22-9/5-9 6304FE-877-U500 6309UE-877-1000 6320UE-NAT-U1000 644833-000 6502FE 8771000 6504UE-877-U1000 CW9530-000 CX6543-000 CXA-0066-20-4-9CS2973 CXA-0078-16-1-9CS2405 CXA-0078-22-4-9CS2405 CXA-0078-24-4-9CS2405 CXA-0140-16-6/9-9CS2405 CY0660-000 706/2R-BLACK-EACH 720451-000 730859-000 MCC-USB-4-250 752687-000 768146-000 773159-000 7934A-BLK-1000 8125-CHR-100 8164-CHR-1000 820457-000 8205-CHR-1000 8240-BLK-U1000 82723-NAT-1000 82907-NAT-500 83003-YEL-500 83005-WHT-500 83006-DK-GRN-100 83008-WHT-1000 83009-BLK-100