**MXM-521**
The Gateway Termination Module supports up to five CAT6 data outputs and four 2-line voice outputs. Cable terminations utilize tool-less IDCs for improved transmission. This module allows for changes in wiring to be made quickly and easily with no tools. The signal is simply patched from the source to the desired outlet.

- **Input:** Six RJ45 Jacks
- **Two RJ14 Jacks**
- **Output:** Eight 4-pair tool-less IDCs
- **Wiring:** 568A and 568B
- **Performance:** CAT6
- **Safety:** UL1863 - Communication Circuit Accessory

**SAM-D8 / SAM-D8-C6**
These CAT5e (SAM-D8) and CAT6 (SAM-D8-C6) patch panels support up to 8 outlets and are designed with front punch down terminations. This module allows for changes in wiring to be made quickly and easily. The circuit is simply patched from the source to the desired outlet.

- **Input:** Eight RJ45 Jacks
- **Output:** Eight 4-pair 110 IDCs
- **Wiring:** 568A
- **Performance:** CAT5e (SAM-D8) or CAT6 (SAM-D8-C6)
- **Safety:** UL1863 - Communication Circuit Accessory

**SAM-D8-TC5 / SAM-D8-TC6**
These CAT5e (SAM-D8-TC5) and CAT6 (SAM-D8-TC6) Tool-less Data Module support up to 8 outlets and are designed with tool-less IDCs. This module allows for changes in wiring to be made quickly and easily with no tools. The signal is simply patched from the source to the desired outlet.

- **Input:** Eight RJ45 Jacks
- **Output:** Eight 4-pair tool-less IDCs
- **Wiring:** 568A and 568B
- **Performance:** CAT5e (SAM-D8-TC5) or CAT6 (SAM-D8-TC6)
- **Safety:** UL1863 - Communication Circuit Accessory

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**Suttle Part Number** | **Description**
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MXM-521 | CAT6 Gateway Termination module
SAM-D8 | CAT5e data/voice networking module
SAM-D8-C6 | CAT6 data/voice networking module
SAM-D8-TC5 | CAT5e data/voice networking module
SAM-D8-TC6 | CAT6 data/voice networking module

**Note:** CAT6 terminals will accept both CAT6 and CAT5e cables
Premise Distribution System
Data Termination Modules

Wiring Diagrams

From Cable/DSL Modem or Media Gateway

Network switch

to Outlets

SAM-D8 / SAM-D8-C6

SAM-D8-TC5 / SAM-D8-TC6

From Cable/DSL Modem or Media Gateway

Network switch

SAM-D8-TC5

8-PORT Cat.5e Data Module

Network switch

ONT/ Media Gateway

Incoming Fiber

to Outlet

MXM-521
Copper installation

MXM-521
Fiber installation

Incoming Copper