

# PRIMEX

## Product Specifications

# Cat6A Combo Module

## 6-Port Cat6A & 1x4 Coax Splitter

### 1. SUMMARY

The Primex Cat6A Combo Module (CMC6A/S4) offers space-saving efficiency for Cat6A and coaxial passive connectivity applications.

It includes a 1x4 coax splitter for quick connectivity by MSO's and integrators. The splitter is purpose-built to meet DOCSIS 3.1 and MOCA 2.5 standards. It also includes six RJ45 data input jacks and six 4-pair 110 IDC's for output.

It installs quickly and easily with pushpins in Primex SOHO Pro™ Media Panels.

### 2. PRODUCT SIZE

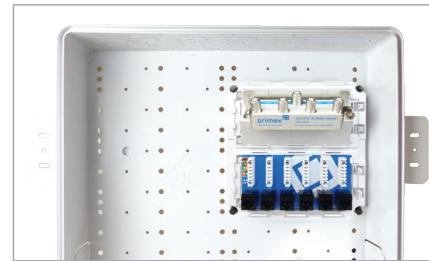
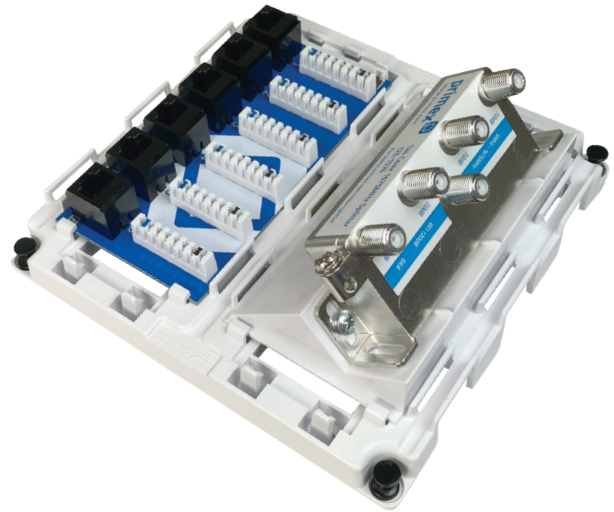
SIZE: 6.4" L x 6.4" W x 2.8" H

### 3. FEATURES & BENEFITS

- Features Cat6A data board and SCTE-compliant coax splitter for high-speed, versatile applications.
- 1x4 1675MHz splitter optimized for MOCA 2.5 and DOCSIS 3.1 applications.
- Six Cat6A RJ45 data input jacks and six 4-pair 110 IDC's for output provide robust data and voice distribution.
- Easily and securely installed with four pushpins for multi-orientation installation.
- Simplified plug and play connectivity supports applications with transferable connections.
- Fits Primex Media Panels: PR1500, P2100, P3000, P4200, P6300
- TIA/EIA 568A and B termination for voice and data.
- UL-Listed to UL1863.

### 4. CONFIGURATIONS

| Part #   | Part Name | Description                                           |
|----------|-----------|-------------------------------------------------------|
| 125-1666 | CMC6A/S4  | 6-Port Cat6A / 1X4 Coax Splitter 1675MHz Combo Module |



Installs quickly and easily in Primex SOHO Pro™ Media Panels

#### 1x4 Coax Splitter Specs:

| Electrical Specifications                 |                 |                                                                                 |                         |                 |       |
|-------------------------------------------|-----------------|---------------------------------------------------------------------------------|-------------------------|-----------------|-------|
|                                           | Frequency (MHz) | 4-Way                                                                           |                         | Frequency (MHz) | 4-Way |
| Insertion Loss (dB)                       | 5-15            | 7.1-7.2                                                                         | Output Return Loss (dB) | 5-15            | 20    |
|                                           | 15-54           | 7.2-7.3                                                                         |                         | 15-54           | 22    |
|                                           | 54-550          | 7.2-7.3                                                                         |                         | 54-550          | 22    |
|                                           | 550-870         | 7.5-7.7                                                                         |                         | 550-870         | 21    |
|                                           | 870-1002        | 8.0-8.2                                                                         |                         | 870-1002        | 20    |
|                                           | 1002-1675       | 12.0-13.0                                                                       |                         | 1002-1675       | 10    |
| Input Return Loss (dB)                    | 5-15            | 20                                                                              | Isolation (dB)          | 5-15            | 26-25 |
|                                           | 15-54           | 22                                                                              |                         | 15-54           | 35-30 |
|                                           | 54-550          | 22                                                                              |                         | 54-550          | 26-25 |
|                                           | 550-870         | 21                                                                              |                         | 550-870         | 26-25 |
|                                           | 870-1002        | 20                                                                              |                         | 870-1002        | 23-22 |
|                                           | 1002-1675       | 10                                                                              |                         | 1002-1675       | 35-30 |
| RFI (dB)                                  | 5-1675          | -110-120                                                                        |                         |                 |       |
| General                                   |                 |                                                                                 |                         |                 |       |
| Impedance                                 | 5-1675          | 75 Ohm                                                                          |                         |                 |       |
| Spurious Signals: Including 2nd Harmonics |                 | -45dBmV after 2KV ring wave surge<br>Measuring with 50dBmV return input carrier |                         |                 |       |
| Surge Protection                          |                 | 2KV Ring Wave Surge,IEEE C62,41 Cat A1                                          |                         |                 |       |
| Environmental                             |                 |                                                                                 |                         |                 |       |
| Pressure Seal                             |                 | 15PSI                                                                           |                         |                 |       |
| Operating Temperature                     |                 | -15°C to +60°C                                                                  |                         |                 |       |
| Corrosion Resistance                      |                 | Meets SCTE/ANSI Specification                                                   |                         |                 |       |

#### FOR MORE INFORMATION CONTACT:

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[www.primex.com](http://www.primex.com)     

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