

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

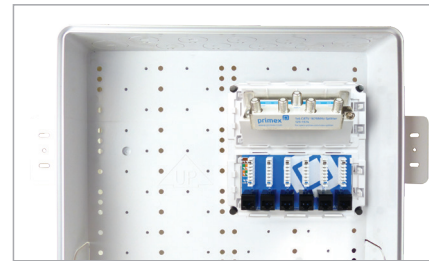
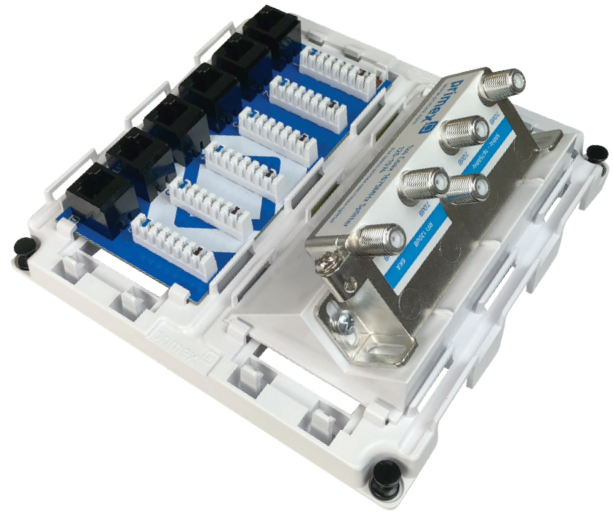
SIZE: 6.4" L x 6.4" W x 2.8" H

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 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			



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