



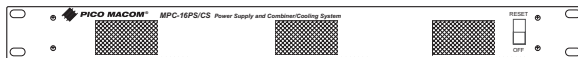
# MPC-16PS/CS

## Mini Headend Power Supply and Combiner/Cooling System



### Features

- Switching power supply, 90 to 265 Vac for installation flexibility and precise voltage regulation preventing component damage
- 5 to 860 MHz Bandwidth high isolation combiner provides spurious carrier rejection minimizing undesired channel interaction thereby reducing picture distortion
- High capacity blowers for superb cooling ensuring system long term reliability
- Reduces dust buildup in rack and on equipment
- High efficiency power supply, with two cooling fans for long life performance
- Auxillary AC outlet for convenience
- UL-approved switching power supply provides flexibility for use in international power system environments



Front View



Rear View



### Specifications

Power Supply Specifications	
Power Supply Input	90-264 VAC, 47 Hz to 63 Hz
Power Supply Output	5 VDC @ 5 Amps 12 VDC @ 5 Amps
Cooling System Specifications	
Cooling System Rated Fan Voltage	12 VDC
Fan Speed	2500 rpm
Max. Air Flow	27.99 m3/min.
Operating Temperature	0 °C to 50 °C.
Dimensions	19" (L) x 9" (D) x 1.75" (H)
Weight	8.5 lbs

Combiner Specifications	
Bandwidth	5 MHz to 860 MHz
Frequency (MHz)	5 54 216 470 600 860
Insertion loss (-dB)	23 23 23 23 24 26
Port to Port Isolation (-dB)	
Adjacent ports	40 41 42 40 37 38
Opposite ports	75 71 64 66 55 57
Input return loss (-dB)	30 30 29 26 20 18
Output return loss (-dB)	32 31 27 22 21 21

### Ordering Information

**MPC-16PS/CS** Mini Headend Power Supply and Combiner Cooling System  
(Includes MPC-12C Universal Chassis)