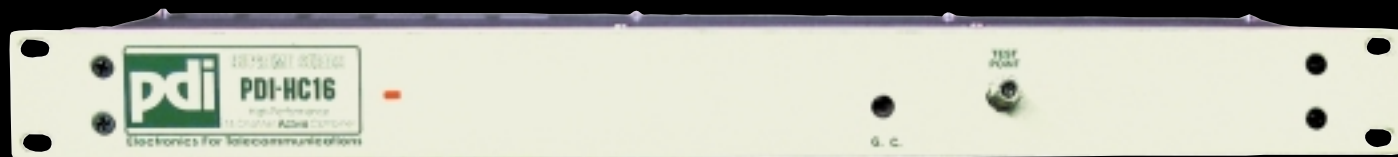


PDI Headend Electronics



PDI-HC16A

1GHz High Isolation, High Performance, 16 Input, Active Headend Combiner

INTRODUCTION

Passive Devices' PDI-HC16A is a high quality, high isolation, active headend combiner. The PDI-HC16A provides a simple method for combining 16 channel outputs from modulators or processors to a single output with +7dB overall gain. A manual gain control is accessible through the front panel for precise settings.

FEATURES

- 16 Inputs
- +7dB gain
- High Isolation
- Directional Coupler Design
- Variable Gain Control
- -30dB Test Point
- 2 Year Warranty

SPECIFICATIONS

Frequency Range:	5-1000MHz
Isolation:	40dB
Return Loss:	18dB min.
Input Level:	+55dBmV max
Output Level:	+48dBmV max
Cross Modulation:	-57dBc (16 ch.)
Gain Control Range:	20dB
Overall Gain:	100MHz +7dB (± 1 dB)
	600MHz +7dB (± 1 dB)
	1000 MHz +7dB (± 1 dB)
Dimensions:	19" x 4-3/4" x 1-3/4"
Mounting:	19" rack
Connectors:	All "F" female
Power Requirements:	117 VAC $\pm 10\%$, 60Hz, 12 W
Temperature Range:	0° to 50° C

OPERATING INSTRUCTIONS ARE INCLUDED
IN THIS CATALOG, SO AS TO PROVIDE YOU
AN ONGOING REFERENCE

TECHNICAL SUPPORT
CALL PDI ENGINEERING
1-800-242-1606

