

# ATX Maxnet

## PROFESSIONAL RF-SIGNAL MANAGEMENT

With the professional headend distribution technology of PCI, you have the advantage to assure a clear and faultless combining/splitting, to avoid measurement faults, to optimize RF parameters and to expand easily and in a flexible manner your headend distribution management. Therefore outages are significantly reduced and troubleshooting will be much easier.

- High density (up to 18 passive modules or nine active modules)
- Front access to pads & EQs
- Connector options include F or BNC
- High quality RF performance (5 MHz-1 GHz)
- Color-coded, surge protected modules
- Test point monitoring
- Variety of cable management solutions



MN5T Front Mount Chassis with  
Cable Management Tray



MN5E Front Mount Chassis with  
Cable Management Ears



MN5R Rear Mount Chassis with 1RU  
Cable Management Tray

## PASSIVE MODULE CONFIGURATIONS

- Dual 2-way
- Triple 2-way
- 4-way
- Dual 4-way
- 8-way
- 16-way
- Filters
- Many other modules



MN3 3RU Passive Chassis



MN1 Passive Chassis

## ACTIVE MODULES AVAILABLE

- Amplifiers
- Power supplies
- RF detector/switch
- A/B switch



MN1 Front Mount Chassis with  
Cable Management Bar

## ACTIVE CHASSIS

- Accepts active, passive and filter modules
- Hot-swappable, Plug-In power supplies and amplifier modules



## AMPLIFIERS

- Variety of amplifiers for any application
- Front access test points
- Removable front cover allows access to pads and EQs while unit is installed in the chassis
- Front panel LED power indicator
- F and BNC connector and terminator options



## POWER SUPPLIES

- 24 V, 3,6 A hotswappable, Plug In power supplies; typically power up to eight Maxnet amplifier modules
- 110/220 VAC or -48 V with redundancy capabilities
- 24 V output on rear of power supplies facilitates daisy chain powering of other Maxnet chassis
- Front voltage test point



## RF DETECTOR / SWITCH

- Allows for redundant configuration of RF amplifiers or operates as an RF Detector A/B Switch
- Front panel bar graph display provides indication of RF power level as well as switch threshold level
- Optimized isolation between primary and secondary paths (> 70 dB at 1 GHz)
- Optimized switch time (< 10 ms)



## DUAL A/B SWITCH

- Two A/B switches in one module
- Local and remote switching capabilities
- Minimized insertion loss (0,8 dB at 1 GHz)

