

NEW

# DATAMASTER™ Series 60° Sector Antennas

*for 2-way MMDS Applications*

**N**ow Andrew offers an alternative to wireline access for providing data (including Internet) and voice services to multiple dwelling units and small businesses.

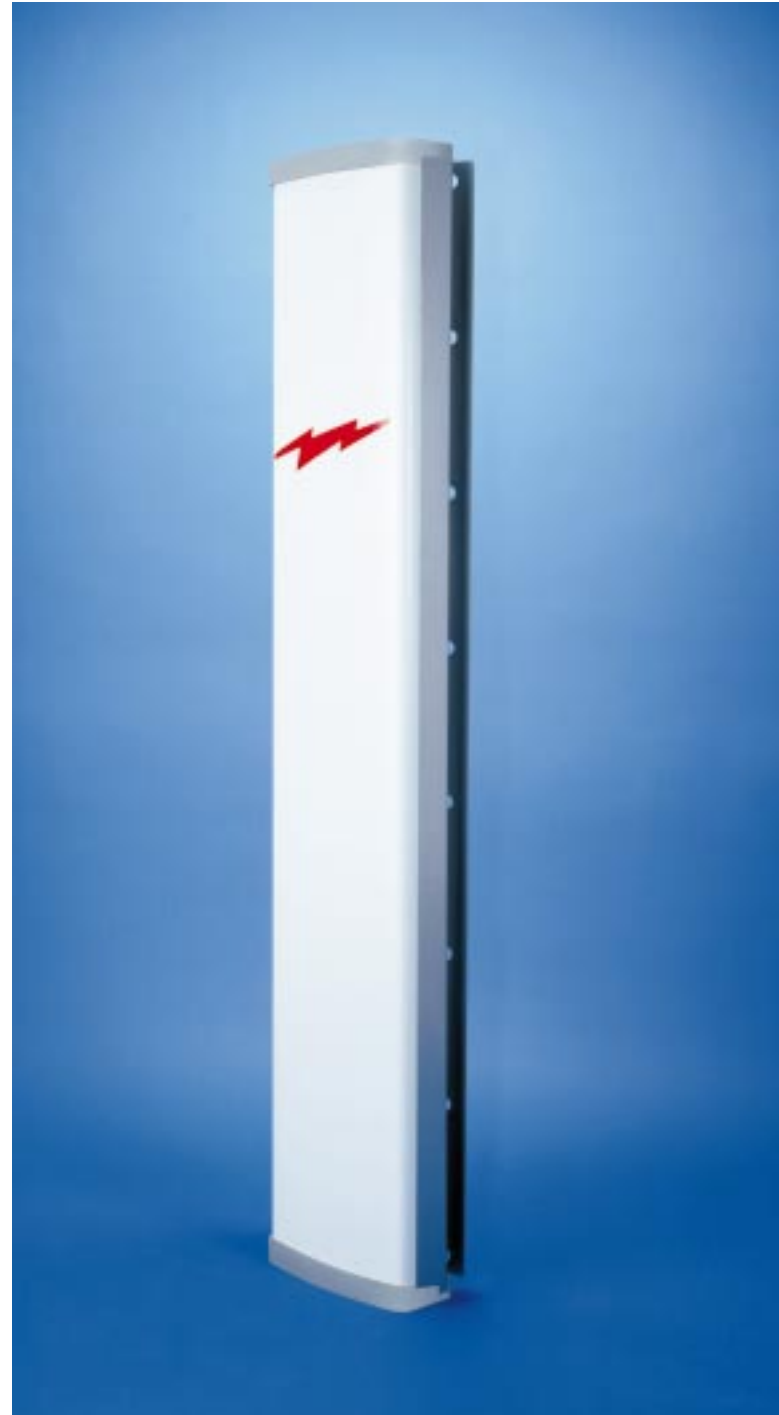
DATAMASTER sector antennas are specifically designed to meet the demands of the new 2-way MMDS marketplace created by recent FCC rulemaking.

DATAMASTER antennas are optimized for sectorized data transmission and efficient use of the MMDS spectrum for data applications. Versions are available to meet specific gain, band and polarity requirements for frequency reuse.

These new sector antennas are the latest addition to the Andrew market-leading family of internationally acclaimed HMD Series antennas for MDS and MMDS applications.

- *Efficient spectrum utilization – antenna pattern performance features excellent front to back ratios.*
- *Available in both horizontal (-H) and vertical (-V) polarization.*
- *W band (2500 - 2700 MHz) and NQ (2150-2162) antennas available in 18 dBi gain.*
- *Comprehensive three year warranty.*
- *For availability of other sector sizes and models, contact your Account Manager or Andrew at 1-800-DIAL-4RF.*

**For more information:  
1-800-DIAL-4RF**



**NEW**

**Electrical Specifications**

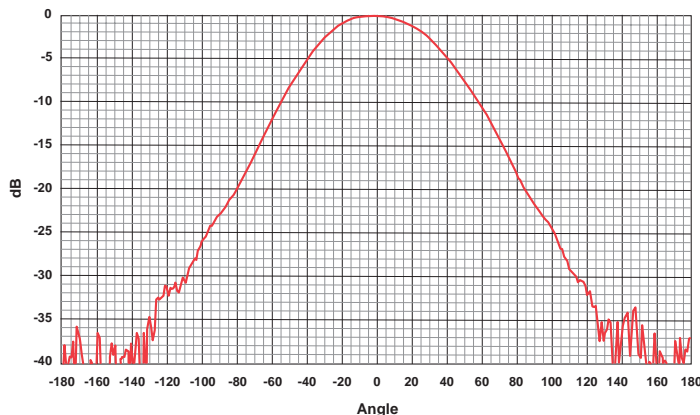
Gain, dBi	18
Frequency Band, MHz	
Type <b>DMP18NQ060-H</b>	2150-2162
Type <b>DMP18NQ060-V</b>	2150-2162
Type <b>DMP18W060-H</b>	2500-2700
Type <b>DMP18W060-V</b>	2500-2700
Azimuth Beamwidth, degrees	60
Polarization	Horizontal or Vertical
Impedance, ohms	50
Front-to-Back Ratio (135° to 225°), dB	-32
Input Power Rating, Average, watts	200
Lightning Protection	dc ground
Return Loss, dB (VSWR)	>14 (1.5:1)

**Mechanical Specifications**

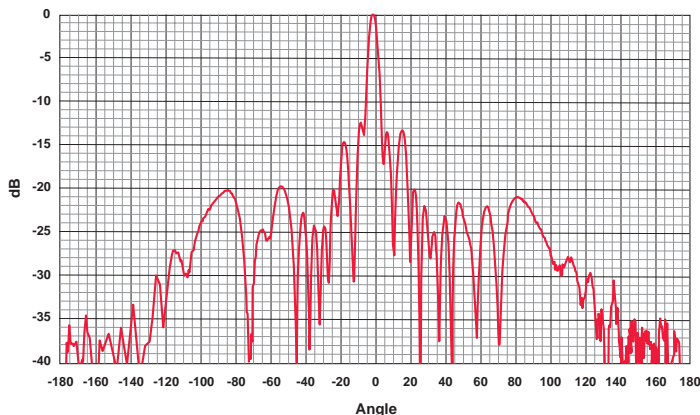
Type No.	DMP18 (18 gain)
Mounting	Side Mount (tilt)
Input Connector	7-16 DIN
Dimensions, in (mm)	40 x 13.50 x 3.25 (1016 x 343 x 82)
Weight, lb (kg)	27 (12)
Radome Material	ABS
Radome Color	Gray
Environmental	
Survival Wind Speed, mph (km/hr)	125 (200)
Temperature Range, °C (°F)	-40 to +70 (-40 to 158)
Humidity	0 to 100% Condensing

**Antenna Pattern Performance**

**Azimuth H or V**



**Elevation H or V**



*Patterns shown are calculated.*



**Andrew Corporation**

10500 W. 153rd Street  
Orland Park, IL 60462 USA

From North America:  
Telephone: 1-800-255-1479  
Fax: 1-800-349-5444

International:  
Telephone: +1-708-873-2307  
Fax: +1-708-349-5444

**Customer Support Center**

From North America:  
Telephone: 1-800-255-1479  
Fax: 1-800-349-5444

International:  
Telephone: +1-708-873-2307  
Fax: +1-708-349-5444

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