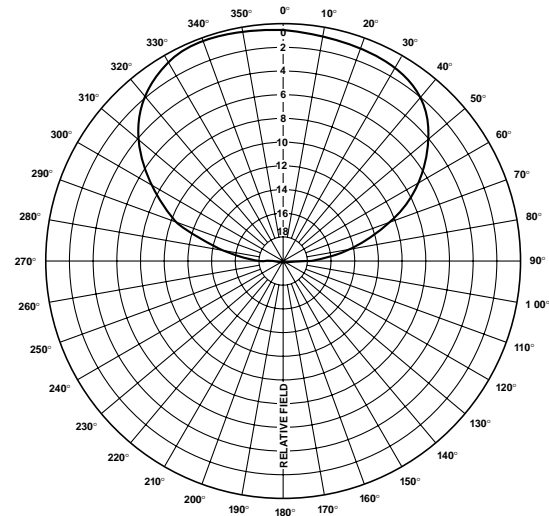


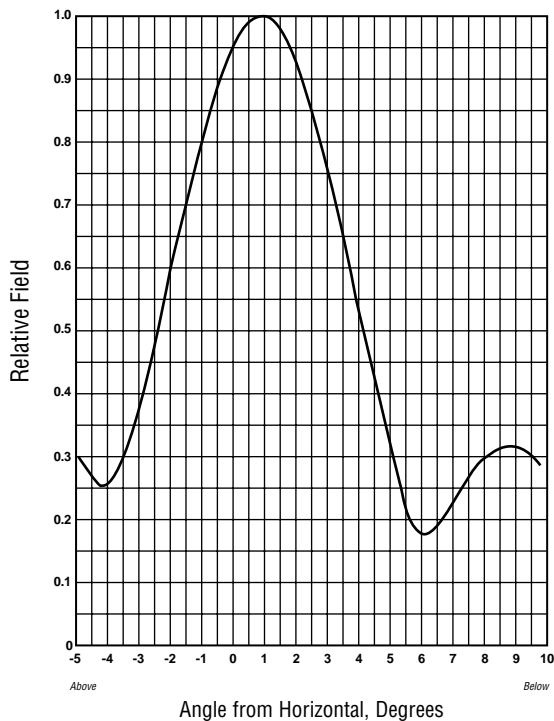


# DATAMASTER™ Sector Antennas for 2-way MMDS Applications

**H-Pol Azimuth Pattern**



**H-Pol Elevation Pattern**



## Electrical Specifications

Gain, dBi	18
Frequency Band, Transmit, MHz	
Type <b>DMA18W090-H</b>	2500-2700
Type <b>DMP18NQ090-H</b>	2150-2360
Azimuth Beamwidth, degrees	90
Polarization	Horizontal
Impedance, ohms	50
Front-to-Back Ratio (180°), dB	>28
Input Power Rating, Average, W	200
Lightning Protection	dc ground
Return Loss, dB (VSWR)	>14 (1.5:1)
Cross Polarization Rejection, dB	25

## Mechanical Specifications

Type No.	DMA18W090-H	DMP18NQ090-H
Mounting	Side Mount	Side Mount
Input Connector	7-16 DIN	7-16 DIN
Dimensions, in (mm)	62 x 15.25 x 22 (1575 x 388 x 559)	60 x 13.5 x 7 (1524 x 343 x 178)
Weight, lb (kg)	58 (26)	41 (19)
Radome Material	ABS	ABS
Radome Color	Gray	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	