

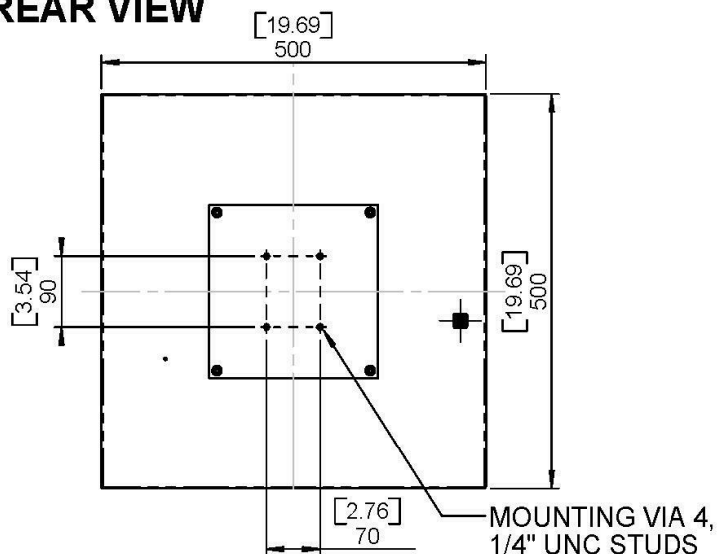
# HUGHES®

## FLAT PANEL ANTENNA

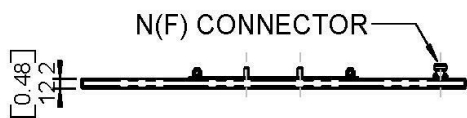
**Part Number: 9501286-0001**

<b>FREQUENCY:</b>	1.5250 - 1.6605 GHz	<b>GAIN:</b>	15.1 dBi Rx, 15.2 dBi Tx Nom. Including 10m Cable
<b>POLARISATION:</b>	R.H. Circular	<b>BEAMWIDTH:</b>	22° (Az.) x 22° (El.) Approx
<b>AXIAL RATIO:</b>	3 dB Worst Case on Boresight	<b>FRONT TO BACK:</b>	>30 dB
<b>POWER RATING:</b>	10 W	<b>MASS:</b>	1.7 Kg / 3.7 lbs Excl. Bracket
<b>TEMPERATURE:</b>	-50° to +60°C Operating, -50° to +80°C Storage	<b>WIND LOADING:</b>	Will survive 100mph/160kph winds
<b>VSWR:</b>	<1.5 : 1		
<b>FINISH:</b>	Painted White		

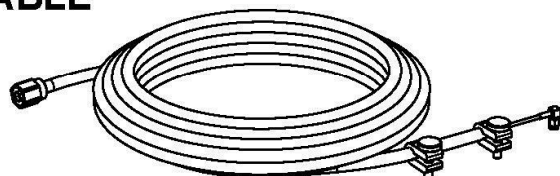
### REAR VIEW



### TOP VIEW

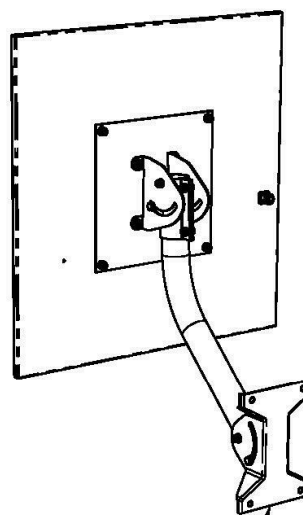


### CABLE



**ALL COMPONENTS USED IN THE ANTENNA AND ACCOMPANYING KIT ARE COMPLIANT WITH THE RoHS DIRECTIVES**

### PICTORIAL VIEW



OPTIONAL HNS MOUNTING BRACKET

Antenna supplied with  $\varnothing 10.0\text{mm}$  flexible cable, terminated with N(M) connector and short length of  $\varnothing 3.0\text{mm}$  flexible cable with SMA(M) right angle connector. Also supplied with strain relief mechanism and SMA to MCX adapter for attachment to the User Terminal.

Overall length = 10.0m Nominal  
Insertion loss @ 1.542 GHz = 2.0 dB

DIMENSIONS: mm (inches) H  
GA: 1275 - 1 Issued: 280906



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