

Start Antenna Manager (under Tools), Select Thales as the manufacturer, then click on 'Add Antenna Type', enter values as shown below:

The screenshot shows the 'Antenna Manager' application window. The 'Add Antenna Type' dialog is open, displaying the following data:

Property	Value
Antenna Manufacturer	Thales
Description	
Valid From	0/0/0/0:0-0
Valid Until	0/0/0/0:0-0
Radius[m]	0.105
To Phase Center H0[m]	0.0732
To Bottom DH[m]	0.041
GPS L1 Phase Center Offset(East)[mm]	0.0038
GPS L1 Phase Center Offset(North)[mm]	0.001
GPS L1 Phase Center Offset(Vertical)[mm]	0
GPS L2 Phase Center Offset(East)[mm]	0
GPS L2 Phase Center Offset(North)[mm]	0
GPS L2 Phase Center Offset(Vertical)[mm]	0

Azimuth[°]	Satellite System	Carrier Phase	20.0°/[mm]	30.0°/[mm]	40.0°/[mm]	50.0°/[mm]	60.0°/[mm]	70.0°/[mm]	80.0°/[mm]
/	GPS	L1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
/	GPS	L2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

The diagram on the right illustrates the antenna geometry. It shows a vertical line representing the 'Vertical H' and a slanted line representing the 'Slant H'. The 'Real Phase Center H' is at the top of the vertical line. The 'Refer point' is at the top of the slant line. The 'Antenna Refer Point H' is at the bottom of the slant line. The distance between the 'Real Phase Center H' and the 'Refer point' is labeled 'dh'. The distance between the 'Refer point' and the 'Antenna Refer Point H' is labeled 'h'. The distance between the 'Real Phase Center H' and the 'Antenna Refer Point H' is labeled 'h0'. The radius of the antenna is labeled 'R0'.

Here is a blown up view:

Property	Value
Antenna Manufacturer	Thales
Description	
Valid From	0/0/0/0:0:0
Valid Until	0/0/0/0:0:0
Radius[m]	0.105
To Phase Center H0[m]	0.0732
To Bottom DH[m]	0.041
GPS L1 Phase Center Offset(East)[mm]	0.0038
GPS L1 Phase Center Offset(North)[mm]	0.001
GPS L1 Phase Center Offset(Vertical)[mm]	0
GPS L2 Phase Center Offset(East)[mm]	0
GPS L2 Phase Center Offset(North)[mm]	0
GPS L2 Phase Center Offset(Vertical)[mm]	0

Azimuth[°]	Satellite System	Carrier Phase	20.0°/[mm]	30.0°/[mm]	40.0°/[mm]	50.0°/[mm]	60.0°/[mm]
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Then click on Save.

Close the antenna manager.

Back in CGO2 you can select the 'Thales' manufacturer and the NAP100 antenna type will be available:

Property

Station 4

Receiver

Receiver SN 973175

Receiver Type 1915

Receiver Version 8.39

Antenna

Measure To Bottom Of Antenna Mount

Antenna Height(m) 2.0000

Antenna offset(m) 0.0000

Manufacture Thales

Antenna Type NAP100

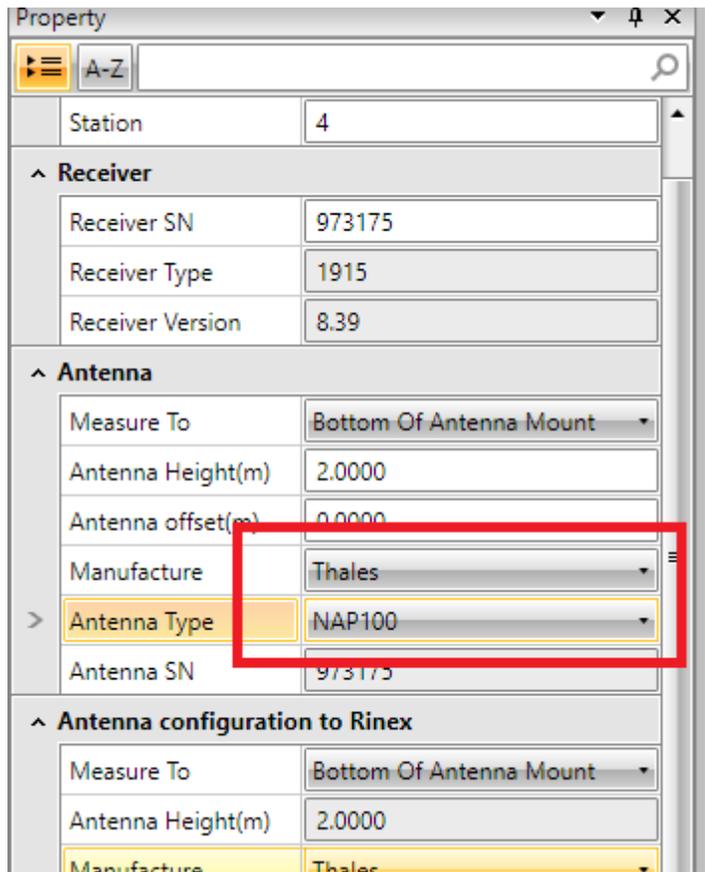
Antenna SN 973175

Antenna configuration to Rinex

Measure To Bottom Of Antenna Mount

Antenna Height(m) 2.0000

Manufacture Thales



Good to go!