

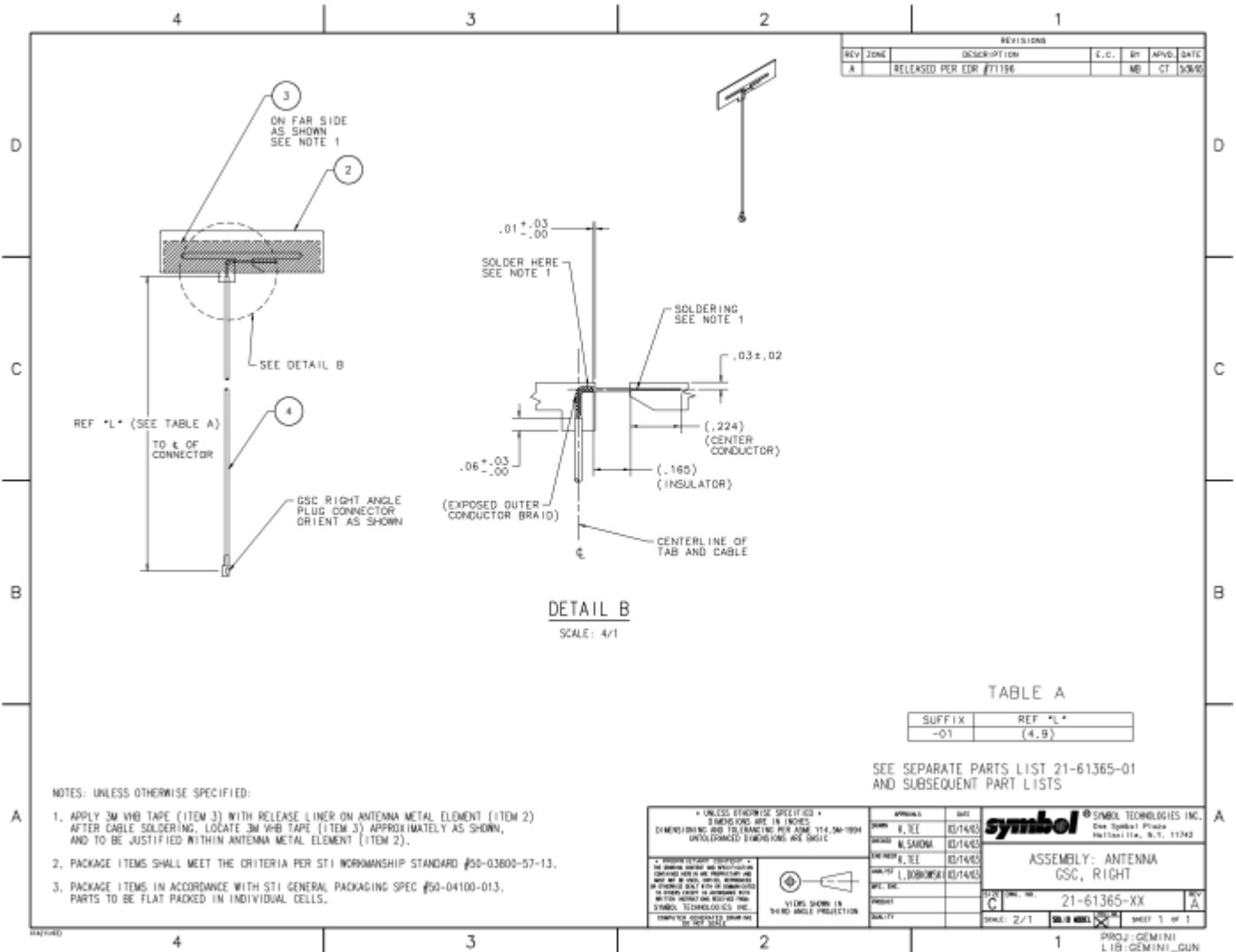
2.4GHz WLAN ANTENNA SPECIFICATION

Part No: 21-61365

. Standard Specification

ITEM		SPECIFICATION
1	TYPE	Folded Dipole
2	Part No.	21-61365
3	FREQUENCY	2400 - 2500MHz
4	IMPEDANCE	50.
5	VSWR	<2:1
6	GAIN	+1dBi
7	RADIATION	E-Plane
8	FRONT/BACK RATIO	N/A
9	RF CONNECTOR	GSC
R E M A R K S		

Antenna Specification



Cable Assembly

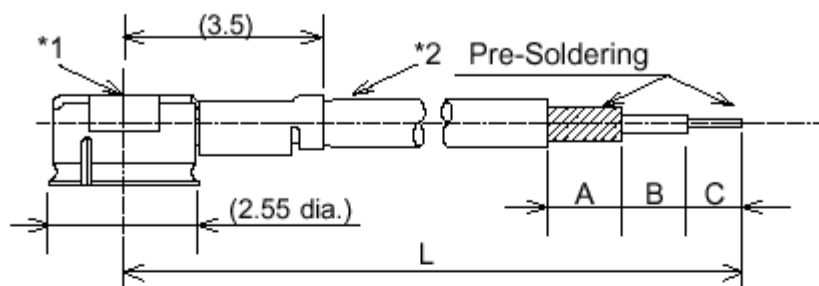


Part Number : MXTK92XX1420A2

Date 01 /Apr./2003

SPECIFICATION

1. Mechanical



*1. Connector: GSC right angle plug connector Scale: Free

*2. Cable Unit: mm

L	A	B	C
142 +/- 4	4.7 +/- 0.5	4.2 +/- 0.5	5.7 +/- 0.5

2. Cable :

Item	Specification
2.1 Voltage Rating	250V r.m.s. maximum
2.2 Nominal Frequency Range	DC to 6GHz
2.3 Nominal Impedance	50Ω
2.4 Temperature Rating	-40°C to +90°C
2.5 Used Cable	0.4D Single shield PFA cable

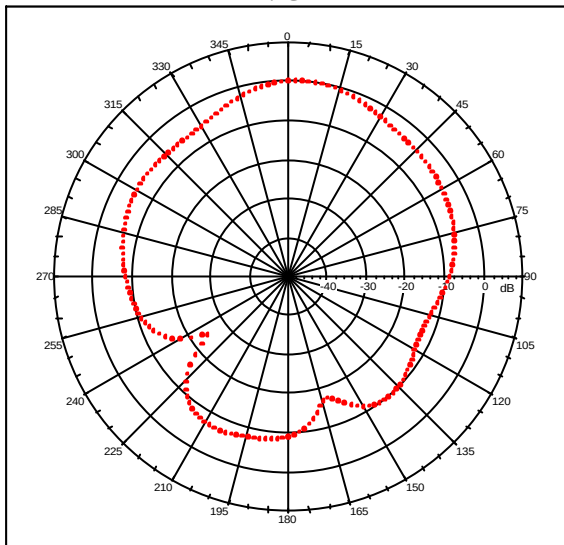
Item	Unit	Construction
Inner conductor	Material	-
	No. and Dia.	(No./mm)
	Total Dia.	(mm)
Insulator	Material	-
	Total Dia.	(mm)
Outer conductor	Material	-
	Dia. of wire	(mm)
Sheath	Material	-
	Nominal thickness.	(mm)
Overall Dia.		(mm)
Minimum Bending Radius		(mm)
Nominal Insertion loss	dB/m at 1GHz	3
	dB/m at 2GHz	4.26
	dB/m at 3GHz	5.24
	dB/m at 4GHz	6.18
	dB/m at 6GHz	9.17

3. Note

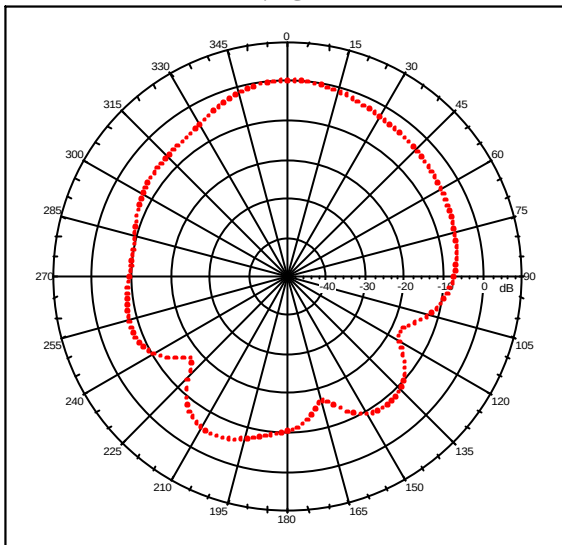
Use tool P/N M22001. The connector to be engaged and disengaged should be inserted or pulled out to the vertical direction.

Polar Plots

2.4GHz



2.44GHz



2.485GHz

