



2JC102-008113-U.FL (DATASHEET)

Type	Penta-band embedded antenna
Frequencies	AMPS (850 MHz) GSM (900 MHz) 3G (UMTS 2.1 GHz) DCS (1800 MHz) PCS (1900 MHz)
Mounting	Embedded
Revision	00



P. Tipul



D. Noble

1. SPECIFICATION

1.1. Electrical Specifications

Mobile (Cable 1)

Frequencies	AMPS (850 MHz) GSM (900 MHz) 3G (UMTS 2.1 GHz) DCS (1800 MHz) PCS (1900 MHz)
Impedance	50 Ohms
Polarization	Linear
Gain	3 dBi
VSWR	<3:1

1.2. General Specifications

Operating temperature	-40°C to +85°C
Note	Antenna can be supplied with 1mm optional adhesive pad

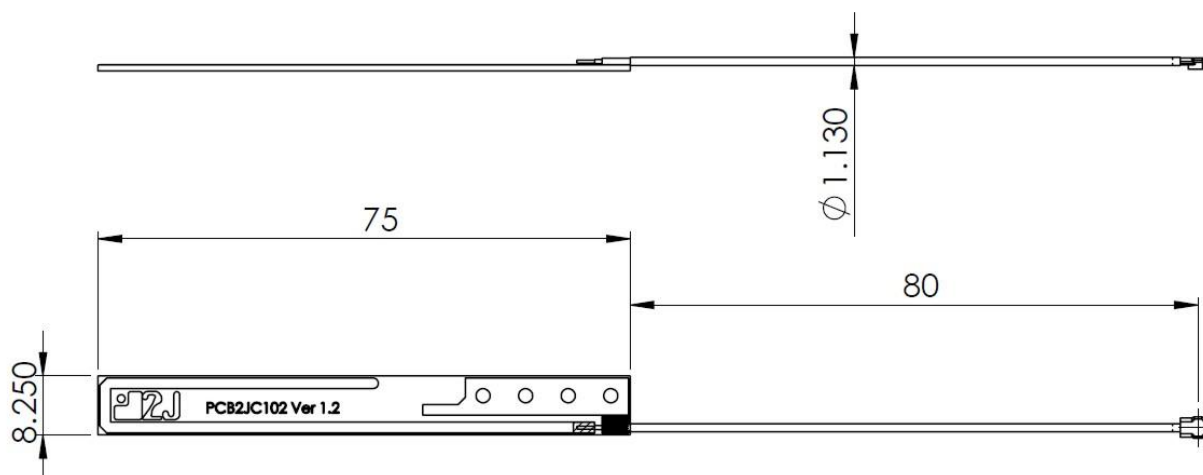
1.3. Connection Specifications

Connector type:	U.FL
Cable:	Microcoax 1,13mm
Cable length:	8 cm

For different cable length and connector type ask our sales team.

1.4. Mechanical Specifications and Dimensions

Material:	FR4-UL94-V-0 E-Glass 1080 Tg>110°C*
Max. dimensions:	8.25 mm x 75 mm x 1.13 mm (H x L x T)
Colour:	Black (for different colours please ask our sales team)



2. MEASUREMENT

2.1. Set for Measurements

Connection: Used 8cm cable length and with U.FL connector.
Temperature: 25 °C
Input power: 0 dBm
Placement: Antenna sticked on plastic plate

DAMS positioner with AUT and reference antenna are placed in anechoic chamber

2.2. Electrical Characteristics

