

DATA SHEET

WIRELESS COMPONENTS

Ceramic Patch Antenna ANT2525B00BT1516A

GPS and Glonass
SMD 25x25x4 mm



YAGEO Phícomp



FEATURES

- Support GPS & GLONASS system
- High radiation efficiency
- Reflow process compatible
- RoHS compliant

APPLICATIONS

- Navigation device
- Telematics box
- Fleet management

ORDERING INFORMATION

All part numbers are identified by the series, packing type, material, size, antenna type, working frequency and packing quantity.

PART NUMBER

ANT 2525 B 00B T 1516A (1) (2) (3) (4) (5) (6)

(I) PRODUCT

ANT = Antenna

(2) SIZE

 $2525 = 25 \times 25 \text{ mm}$

(3) ANTENNA TYPE

B=Bulk antenna

(4) SERIAL NO.

00B

(5) PACKING STYLE

T = Tray

(6) WORKING FREQUENCY

1516 = 1.575/1.602 GHz

PHYCOMP CTC

CAN43134250B1561B

12NC

43134250B156



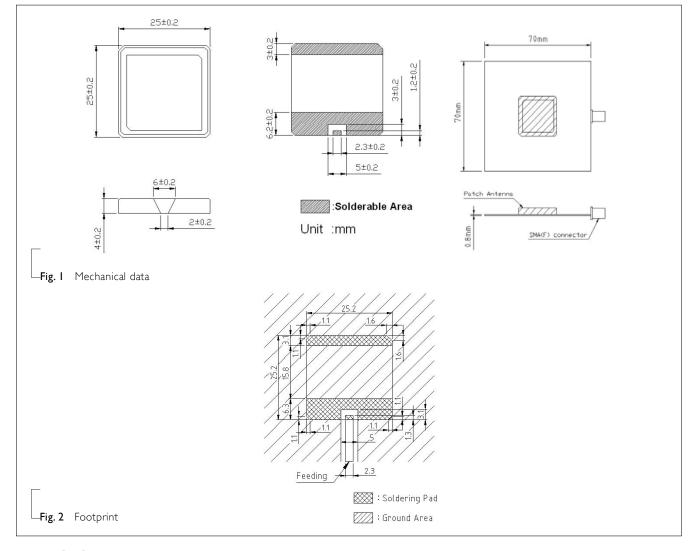
<u>SPECIFICATION</u>

—Table I

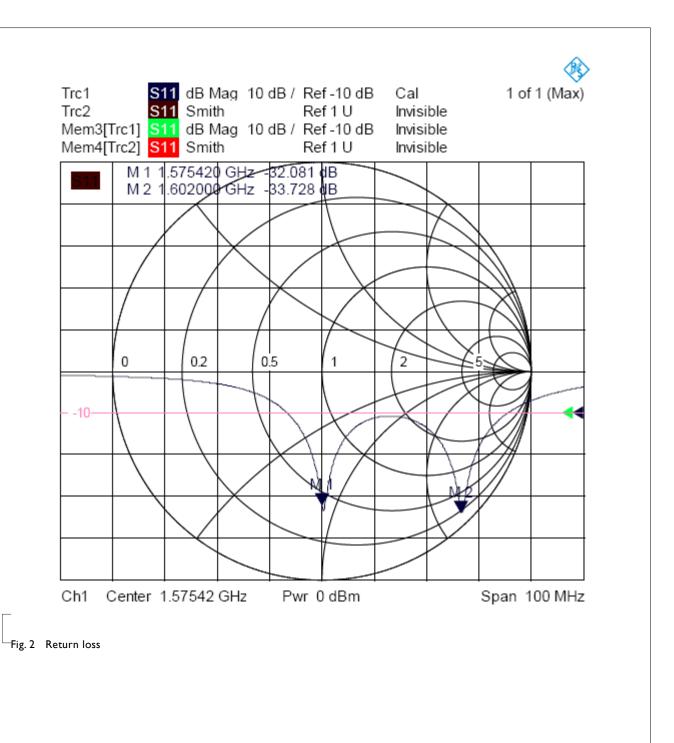
DESCRIPTION	VALUE
Operating Frequency	1575~1606 MHz
Bandwidth	GPS: 20 MHz(Typ.) Glonass: 20 MHz(Typ.)
Gain	GPS: 3.5 dBic(Typ.) Glonass: 4.1 dBic(Typ.)
VSWR	2.0 Max.
Polarization	RHCP
Axis Ratio	≦ 10 dB (Typ.)
Impedance	50Ω
Operating Temperature	-40~105 °C

NOTE

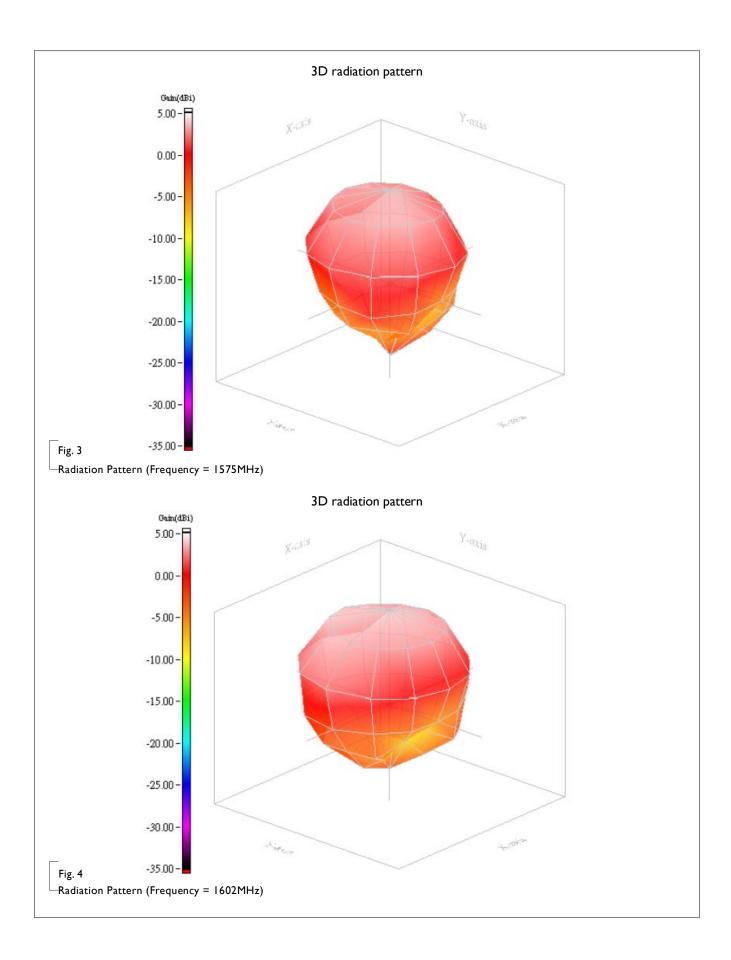
- 1. Based on 70×70mm² square ground plane.
- 2. Centre frequency will be offset to working frequency while changes of customer's housing and ground plane.
- 3. Please contact local sales if you need customized design to gain optimum antenna performance.



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Product specification

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REVISION HISTORY

REVISION DATE CHANGE NOTIFICATION DESCRIPTION

Version 0 Dec 24, 2013

- New data sheet for Patch antenna, SMD Feed size 25*25*4 mm



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

ANT2525B00BT1516S

Yageo:

ANT2525B00BT1516A