

Wireless MBus Antenna

Part Code

Name

EL855AN

WMBus Antenna

Sycous offer a range of Wireless MBus (868MHz) antenna's to suit the Sycous range of data collection systems. The magnetic mount antenna is used to increase the Wireless MBus communication range for a product. It is small and light and has a swivel feature which makes it very easy to mount. The wall-mount antenna can be used both indoors and outdoors to increase the Wireless MBus communication range for a product. The antenna is an ideal choice for projects where a discreet and reliable installation is required. The Omni antenna is an external omnidirectional antenna which is used to increase the Wireless MBus communication range for a product. It can be mounted on vertical and horizontal mast tubes with an outer diameter of 16-54 mm.

Features:

- Wireless MBus Antenna to increase range
- Available in wall mounted or magnetic mounting type
- SMA-m Connection
- Range of cable lengths



Technical Specification

General Description

Model No ADA-280SW-868MHz-1.5M-SMA/M

Electrical Properties

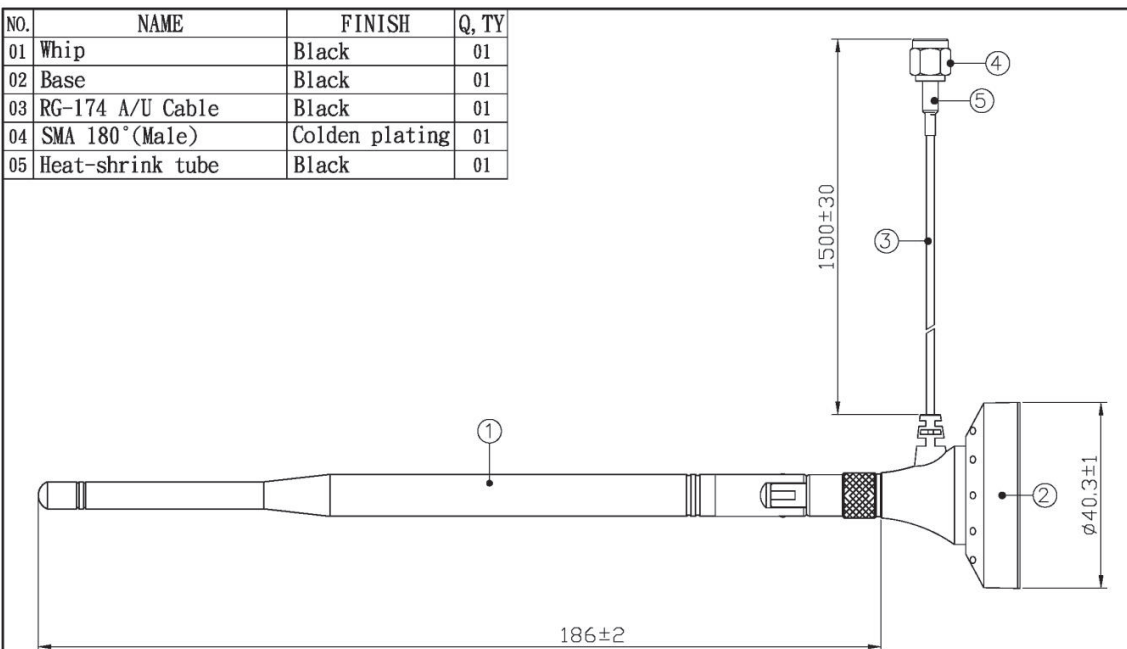
Frequency Band 868 MHz
Nominal Impedance 50 ohm
Polarization Vertical
V.S.W.R 2.0 : 1

Mechanical Properties

Antenna Type External Antenna
Touch Type Screw Type
Connector Type SMA 180°(Male)
Antenna Dimensions 186±2
Antenna Cable Total Length RG-174 A/U 1500 mm ±30
Antenna Color Black
Operating Temperature Range -20°C-+60°C
Storage Temperature Range -30°C-+70°C

Appearance

| NO. | NAME | FINISH | Q, TY |
|-----|------------------|----------------|-------|
| 01 | Whip | Black | 01 |
| 02 | Base | Black | 01 |
| 03 | RG-174 A/U Cable | Black | 01 |
| 04 | SMA 180°(Male) | Colden plating | 01 |
| 05 | Heat-shrink tube | Black | 01 |



ADA-280SW-868MHz-1.5M-SMA/M

| Third angle projection | CUSTOMER'S | MODEL | PARTS NUMBER | FREQUENCY | UNIT | SCALE | DATE | VERSION |
|------------------------|-------------------|------------|--------------|--------------|----------|---------|---------|----------|
| | | | | | 868MHz | M/M | | 20170330 |
| PROFESSOR | TOLERANCE | X. XX±0.15 | NAME | PARTS NUMBER | APPROVED | CHECKED | DRAWING | DESIGNED |
| 普傑國際股份有限公司 | SURFACE ROUGHNESS | S ▽ | APPEARANCE | | | | | |



Managed Services

Meter Data Management

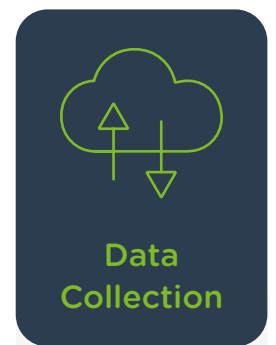
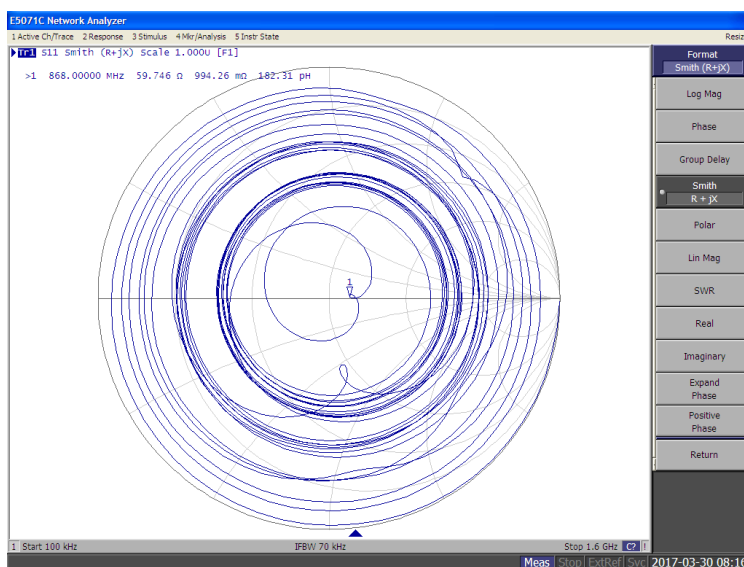
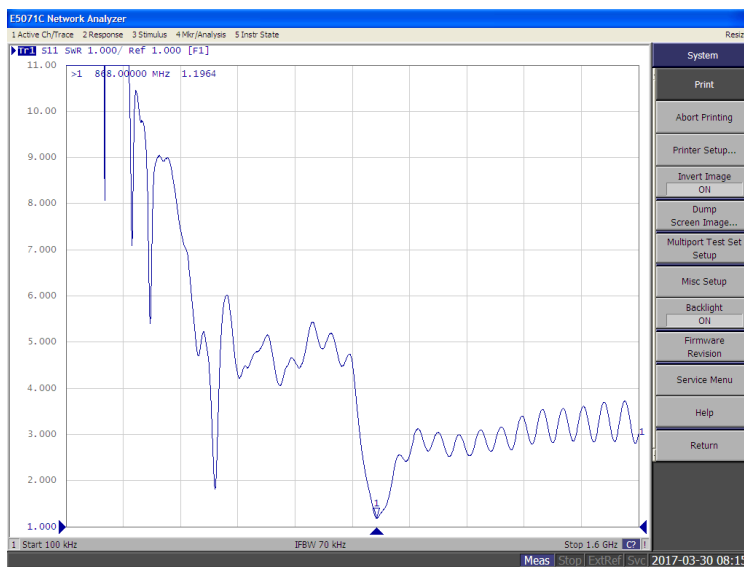
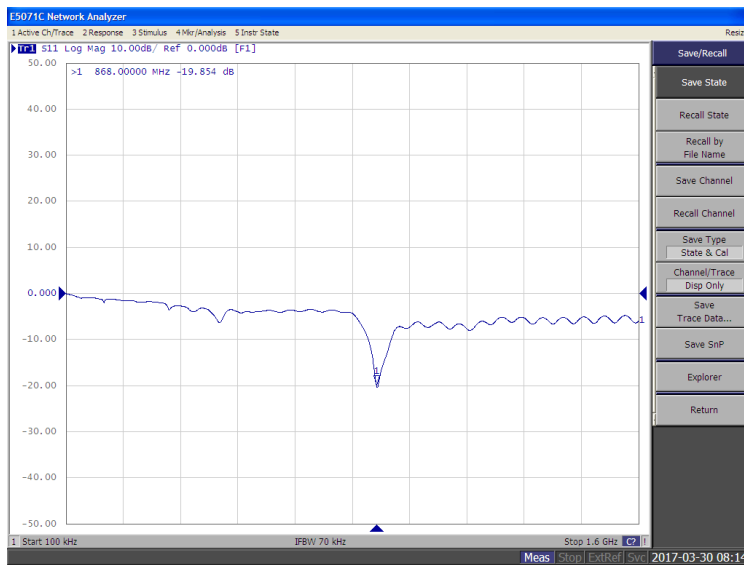
Billing Solutions

PAYG Management

Online Account Management

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Return Loss, V.S.W.R. and Smith Chart



Data
Collection

Wired
Networks

Wireless
Networks

IoT
Technologies

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any network

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