



# RF Cable Datasheet

**Product OC:** YSAN026XX

**Version:** 2.0

**Date:** 2023-06-09

**Status:** Released

**Product Name:** Low Loss RF Cable

**Key Features:**

Frequency Band: DC–6000 MHz

Cable Length: 100 mm (AA), 150 mm (BA), 200 mm (CA), 250 mm (DA), 300 mm (EA)

Connector Type: RP SMA Female to IPEX MHF I

RoHS Compliant

# Overview

To meet the requirements of devices for RF connection among antennas, modules, and motherboards, as well as long-distance wiring, Quectel provides customers with a wide range of RF cable products. These cables use high-quality materials and connectors to reduce the loss to the greatest extent, ensuring overall RF performance. Quectel also provides customized services according to customers' particular requirements for cable material, cable length, and connector type.

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# 1 Specification

## 1.1. Electrical

| Electrical              |           |                                                                              |
|-------------------------|-----------|------------------------------------------------------------------------------|
| Frequency Range         |           | DC–6000 MHz                                                                  |
| Impedance               |           | 50 $\Omega$                                                                  |
| VSWR                    | YSAN026AA | $\leq 1.37$                                                                  |
|                         | YSAN026BA | $\leq 1.47$                                                                  |
|                         | YSAN026CA | $\leq 1.38$                                                                  |
|                         | YSAN026DA | $\leq 1.35$                                                                  |
|                         | YSAN026EA | $\leq 1.41$                                                                  |
| Return Loss             | YSAN026AA | $\leq -16.13$ dB                                                             |
|                         | YSAN026BA | $\leq -14.42$ dB                                                             |
|                         | YSAN026CA | $\leq -16.01$ dB                                                             |
|                         | YSAN026DA | $\leq -16.45$ dB                                                             |
|                         | YSAN026EA | $\leq -15.45$ dB                                                             |
| Max Cable Loss          | YSAN026AA | -0.96 dB                                                                     |
|                         | YSAN026BA | -1.26 dB                                                                     |
|                         | YSAN026CA | -1.43 dB                                                                     |
|                         | YSAN026DA | -1.69 dB                                                                     |
|                         | YSAN026EA | -1.97 dB                                                                     |
| Screening Effectiveness |           | 0.5–1 GHz: $\geq -50$ dB<br>1–3 GHz: $\geq -60$ dB<br>3–6 GHz: $\geq -65$ dB |

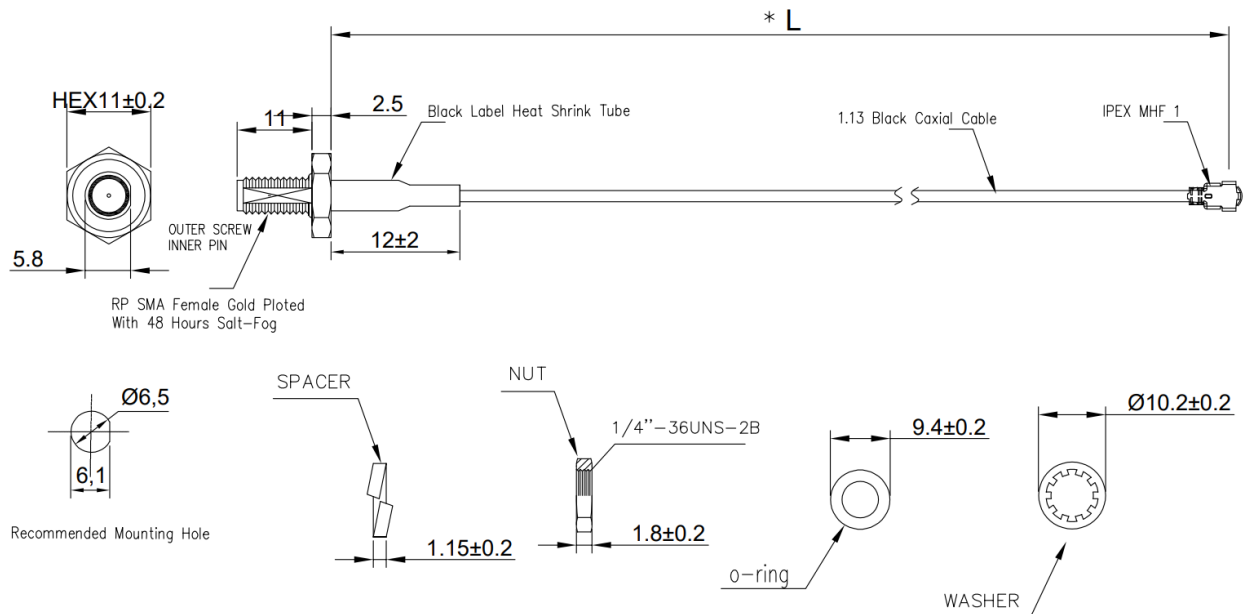
## Electrical - Detail

| SPEC \ Band                    |           | B87<br>/B88 | B31<br>/B72<br>/B73 | B71         | B12<br>/B13<br>/B28 | B5<br>/B8<br>/B26 | N74<br>/N75<br>/N76 | B1<br>/B2<br>/B3 | B40           | Wi-Fi<br>2G   | B38<br>/B41   | B42<br>/B48<br>/N77 | N79           | Wi-Fi<br>5G   |
|--------------------------------|-----------|-------------|---------------------|-------------|---------------------|-------------------|---------------------|------------------|---------------|---------------|---------------|---------------------|---------------|---------------|
|                                |           | 410-<br>430 | 450-<br>470         | 600-<br>700 | 700-<br>810         | 820-<br>960       | 1420-<br>1520       | 1700-<br>2170    | 2300-<br>2400 | 2400-<br>2500 | 2500-<br>2690 | 3300-<br>4200       | 4400-<br>5000 | 5150-<br>5850 |
|                                |           |             |                     |             |                     |                   |                     |                  |               |               |               |                     |               |               |
| Max S11<br>VSWR                | YSAN026AA | 1.07        | 1.07                | 1.03        | 1.04                | 1.07              | 1.06                | 1.10             | 1.07          | 1.06          | 1.07          | 1.14                | 1.22          | 1.35          |
|                                | YSAN026BA | 1.03        | 1.02                | 1.08        | 1.10                | 1.10              | 1.12                | 1.12             | 1.09          | 1.10          | 1.13          | 1.18                | 1.24          | 1.41          |
|                                | YSAN026CA | 1.02        | 1.04                | 1.09        | 1.08                | 1.06              | 1.12                | 1.13             | 1.08          | 1.11          | 1.13          | 1.16                | 1.24          | 1.32          |
|                                | YSAN026DA | 1.06        | 1.07                | 1.06        | 1.07                | 1.09              | 1.07                | 1.11             | 1.09          | 1.11          | 1.10          | 1.15                | 1.24          | 1.32          |
|                                | YSAN026EA | 1.08        | 1.07                | 1.08        | 1.09                | 1.07              | 1.11                | 1.13             | 1.13          | 1.13          | 1.11          | 1.15                | 1.21          | 1.32          |
| Max S22<br>VSWR                | YSAN026AA | 1.06        | 1.05                | 1.03        | 1.05                | 1.08              | 1.06                | 1.13             | 1.06          | 1.07          | 1.12          | 1.16                | 1.24          | 1.37          |
|                                | YSAN026BA | 1.02        | 1.01                | 1.08        | 1.08                | 1.08              | 1.12                | 1.14             | 1.11          | 1.15          | 1.17          | 1.22                | 1.28          | 1.47          |
|                                | YSAN026CA | 1.03        | 1.05                | 1.08        | 1.07                | 1.08              | 1.14                | 1.16             | 1.13          | 1.16          | 1.16          | 1.20                | 1.30          | 1.38          |
|                                | YSAN026DA | 1.06        | 1.07                | 1.04        | 1.07                | 1.08              | 1.10                | 1.14             | 1.15          | 1.15          | 1.12          | 1.20                | 1.27          | 1.35          |
|                                | YSAN026EA | 1.07        | 1.06                | 1.08        | 1.08                | 1.08              | 1.11                | 1.15             | 1.17          | 1.17          | 1.15          | 1.20                | 1.27          | 1.41          |
| Max S11<br>Return<br>Loss (dB) | YSAN026AA | -29.28      | -29.95              | -35.31      | -35.19              | -29.17            | -30.45              | -26.25           | -29.02        | -30.29        | -28.90        | -23.49              | -20.05        | -16.55        |
|                                | YSAN026BA | -35.32      | -40.35              | -28.13      | -26.61              | -26.64            | -24.80              | -24.75           | -27.45        | -26.12        | -24.28        | -21.73              | -19.41        | -15.45        |
|                                | YSAN026CA | -41.55      | -34.33              | -27.01      | -27.99              | -30.15            | -25.22              | -24.24           | -28.04        | -25.48        | -24.40        | -22.66              | -19.56        | -17.29        |
|                                | YSAN026DA | -30.98      | -29.32              | -30.16      | -29.58              | -27.19            | -29.93              | -25.39           | -27.20        | -25.89        | -26.11        | -22.90              | -19.50        | -17.11        |
|                                | YSAN026EA | -28.74      | -28.87              | -28.54      | -27.67              | -29.64            | -25.45              | -24.52           | -24.59        | -24.11        | -25.64        | -22.89              | -20.55        | -17.25        |
| Max S22<br>Return<br>Loss (dB) | YSAN026AA | -31.07      | -32.16              | -36.44      | -31.48              | -28.27            | -30.63              | -24.47           | -31.01        | -29.07        | -25.23        | -22.56              | -19.50        | -16.13        |
|                                | YSAN026BA | -39.12      | -44.49              | -28.59      | -27.87              | -28.00            | -25.21              | -23.44           | -25.61        | -23.26        | -22.06        | -20.16              | -18.23        | -14.42        |
|                                | YSAN026CA | -37.87      | -32.91              | -28.18      | -29.93              | -27.90            | -23.94              | -22.78           | -24.37        | -22.83        | -22.74        | -20.66              | -17.76        | -16.01        |
|                                | YSAN026DA | -31.18      | -29.99              | -33.44      | -28.94              | -28.15            | -26.77              | -23.64           | -23.38        | -23.29        | -24.64        | -20.76              | -18.37        | -16.45        |
|                                | YSAN026EA | -30.02      | -30.64              | -28.63      | -28.53              | -28.43            | -25.69              | -22.87           | -22.15        | -22.15        | -23.18        | -20.84              | -18.58        | -15.45        |
| Max Cable<br>Loss<br>S21 (dB)  | YSAN026AA | -0.19       | -0.20               | -0.25       | -0.28               | -0.31             | -0.40               | -0.50            | -0.50         | -0.51         | -0.52         | -0.73               | -0.86         | -0.96         |
|                                | YSAN026BA | -0.25       | -0.26               | -0.33       | -0.36               | -0.39             | -0.49               | -0.65            | -0.65         | -0.66         | -0.69         | -0.99               | -1.11         | -1.26         |
|                                | YSAN026CA | -0.31       | -0.32               | -0.40       | -0.43               | -0.49             | -0.62               | -0.80            | -0.80         | -0.82         | -0.88         | -1.18               | -1.31         | -1.43         |
|                                | YSAN026DA | -0.36       | -0.37               | -0.47       | -0.52               | -0.56             | -0.73               | -0.91            | -0.94         | -0.97         | -0.98         | -1.36               | -1.51         | -1.69         |
|                                | YSAN026EA | -0.42       | -0.44               | -0.56       | -0.59               | -0.66             | -0.85               | -1.07            | -1.12         | -1.15         | -1.15         | -1.58               | -1.78         | -1.97         |

## 1.2. Mechanical, Environmental & Storage

| Mechanical            |                           |                                                                               |
|-----------------------|---------------------------|-------------------------------------------------------------------------------|
| OC                    | * Length (mm)             | Weight (g)                                                                    |
| YSAN026AA             | 100 ±3                    | 4.4                                                                           |
| YSAN026BA             | 150 ±5                    | 4.6                                                                           |
| YSAN026CA             | 200 ±5                    | 4.8                                                                           |
| YSAN026DA             | 250 ±5                    | 5                                                                             |
| YSAN026EA             | 300 ±5                    | 5.2                                                                           |
| Cable Type & Color    |                           | Φ1.13 & Black                                                                 |
| Item                  | Material                  | Diameter (mm)                                                                 |
| Inner Conductor       | Silver plated copper wire | 0.24                                                                          |
| Insulator             | FEP                       | 0.7                                                                           |
| Outer Conductor       | Tinned copper wire        | 0.92                                                                          |
| Jacket                | FEP                       | 1.13                                                                          |
| Connector Type        |                           | RP SMA Female to IPEX MHF I                                                   |
| Environmental         |                           |                                                                               |
| Operation Temperature |                           | -20 °C to +85 °C                                                              |
| RoHS Compliant        |                           | Yes                                                                           |
| Storage               |                           |                                                                               |
| Storage Temperature   |                           | +18 °C to +27 °C                                                              |
| Humidity              |                           | 30 % to 80 % RH                                                               |
| Storage Place         |                           | Away from corrosive gas and direct sunlight                                   |
| Packaging             |                           | Antennas should be stored in unopened sealed manufacturer's plastic packaging |

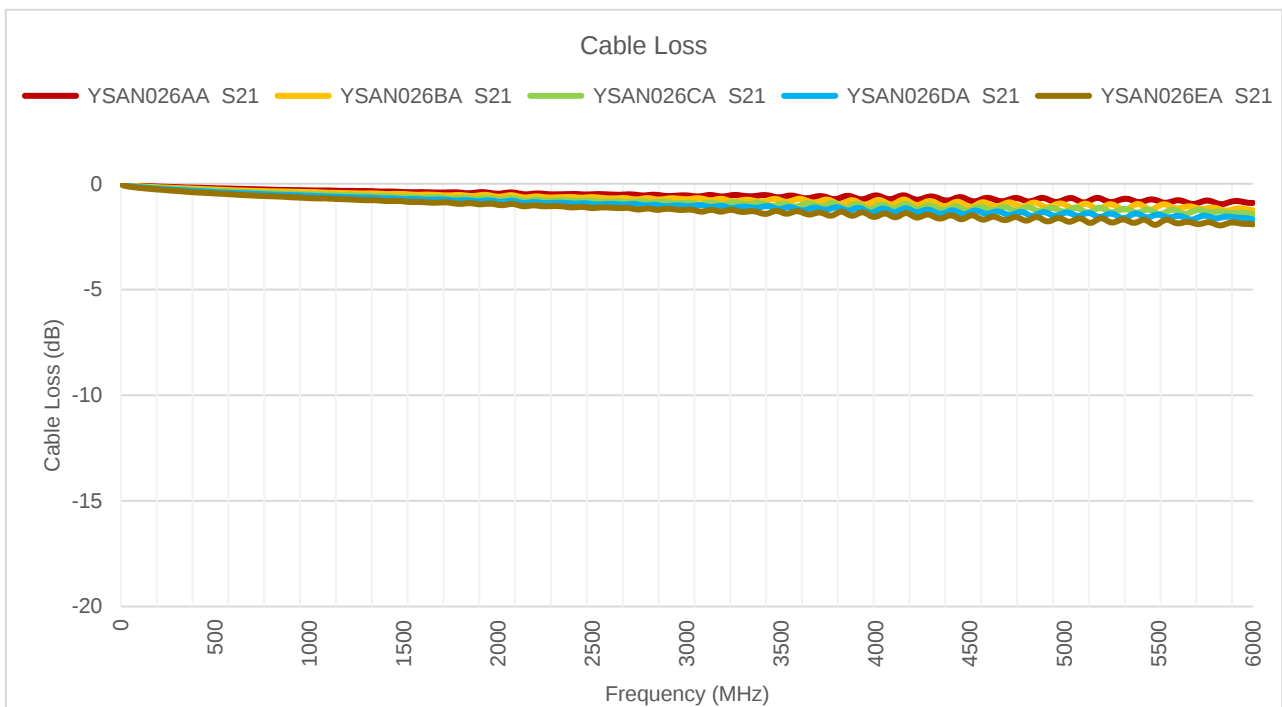
## 2 Drawing



RP-SMA CONNECTOR  
(Inner MALE PIN)

## 3 Detailed Performance

### 3.1. Cable Loss



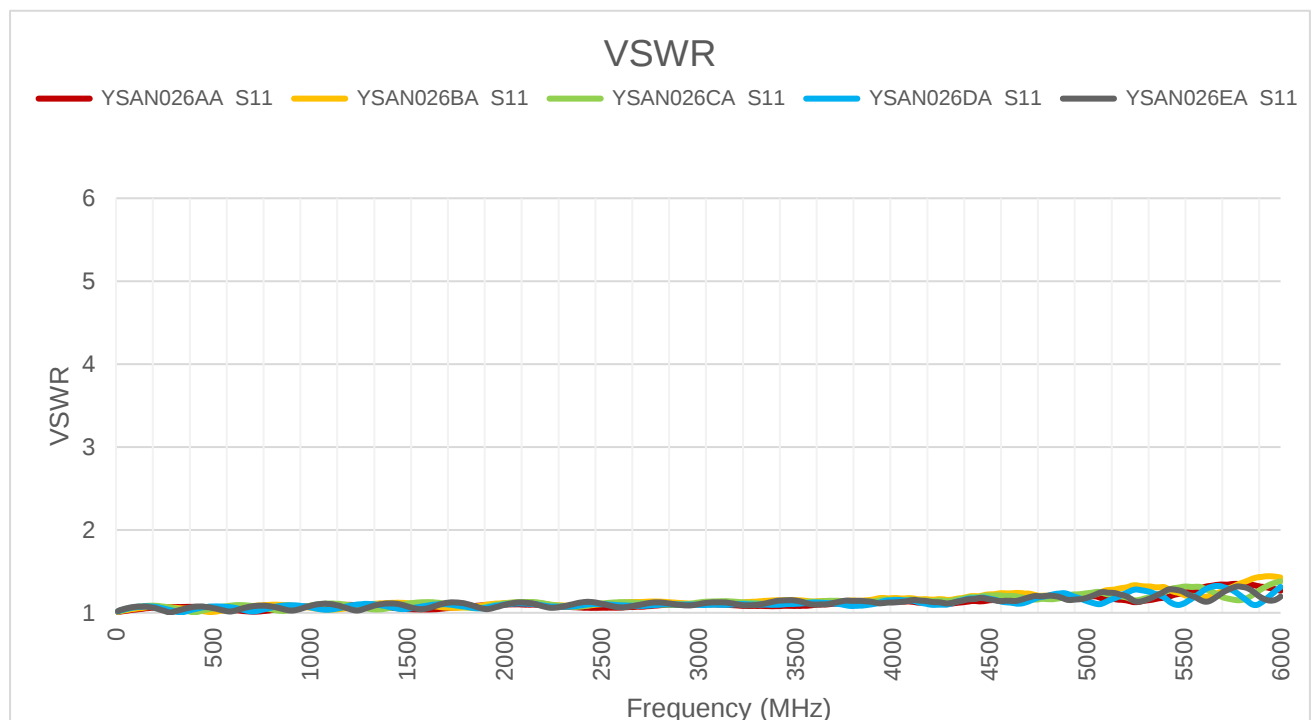
**Cable Loss (dB)**

| Frequency (MHz) | 100   | 300   | 410   | 420   | 460   | 470   | 600   | 630   | 710   | 830   |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| YSAN026AA       | -0.09 | -0.16 | -0.19 | -0.19 | -0.20 | -0.20 | -0.23 | -0.24 | -0.25 | -0.28 |
| YSAN026BA       | -0.11 | -0.20 | -0.24 | -0.24 | -0.26 | -0.26 | -0.31 | -0.31 | -0.33 | -0.36 |
| YSAN026CA       | -0.14 | -0.25 | -0.30 | -0.30 | -0.32 | -0.32 | -0.38 | -0.38 | -0.41 | -0.44 |
| YSAN026DA       | -0.17 | -0.29 | -0.35 | -0.36 | -0.37 | -0.37 | -0.43 | -0.44 | -0.47 | -0.52 |
| YSAN026EA       | -0.20 | -0.34 | -0.41 | -0.42 | -0.44 | -0.44 | -0.51 | -0.53 | -0.56 | -0.60 |
| Frequency (MHz) | 900   | 960   | 1440  | 1710  | 1740  | 1880  | 1950  | 2140  | 2350  | 2450  |
| YSAN026AA       | -0.30 | -0.31 | -0.37 | -0.42 | -0.41 | -0.42 | -0.42 | -0.50 | -0.49 | -0.50 |

|                 |       |       |       |       |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| YSAN026BA       | -0.37 | -0.39 | -0.48 | -0.55 | -0.55 | -0.57 | -0.54 | -0.65 | -0.63 | -0.66 |
| YSAN026CA       | -0.47 | -0.49 | -0.61 | -0.66 | -0.69 | -0.72 | -0.67 | -0.80 | -0.78 | -0.81 |
| YSAN026DA       | -0.53 | -0.56 | -0.69 | -0.75 | -0.77 | -0.83 | -0.79 | -0.91 | -0.90 | -0.92 |
| YSAN026EA       | -0.64 | -0.66 | -0.81 | -0.88 | -0.89 | -0.95 | -0.94 | -1.07 | -1.08 | -1.10 |
| Frequency (MHz) | 2600  | 3600  | 4700  | 5000  | 5500  | 6000  |       |       |       |       |
| YSAN026AA       | -0.51 | -0.65 | -0.77 | -0.75 | -0.81 | -0.90 |       |       |       |       |
| YSAN026BA       | -0.69 | -0.71 | -0.89 | -0.97 | -1.06 | -1.25 |       |       |       |       |
| YSAN026CA       | -0.86 | -1.03 | -1.12 | -1.31 | -1.42 | -1.44 |       |       |       |       |
| YSAN026DA       | -0.96 | -1.25 | -1.46 | -1.38 | -1.46 | -1.69 |       |       |       |       |
| YSAN026EA       | -1.13 | -1.32 | -1.70 | -1.71 | -1.89 | -1.92 |       |       |       |       |

## 3.2. VSWR

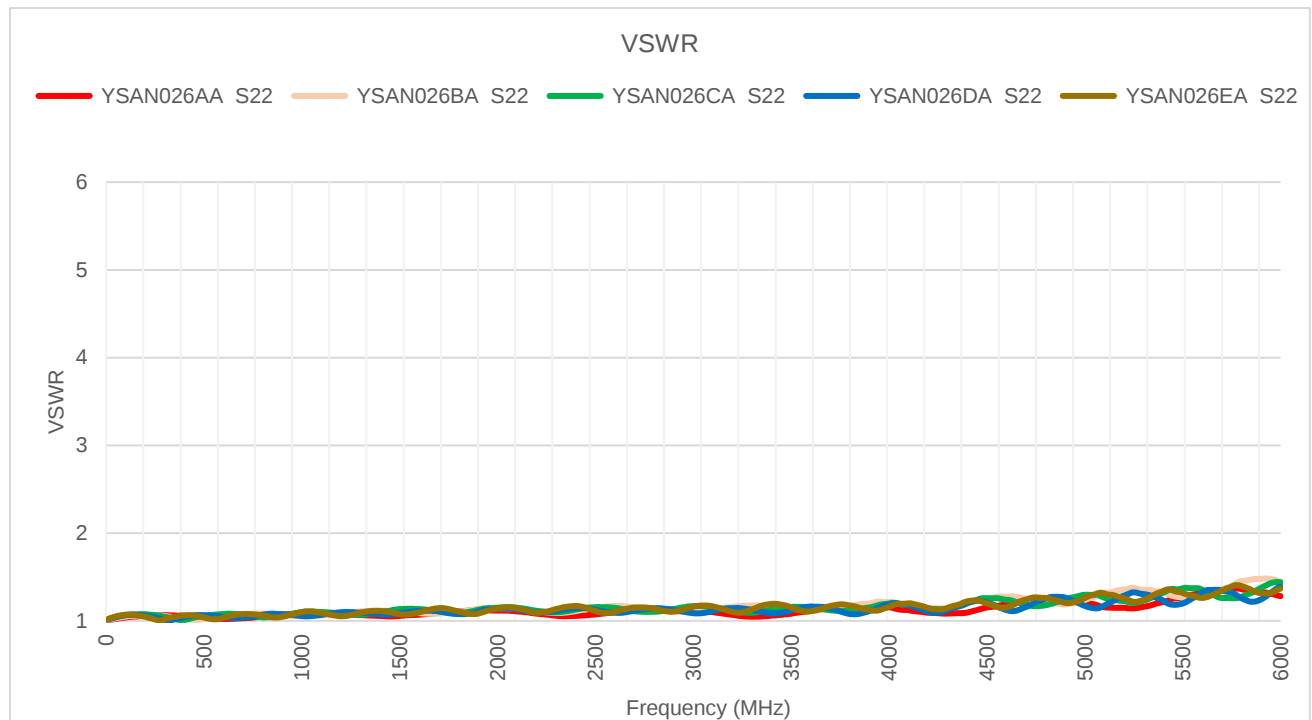
### 3.2.1. VSWR-S11



VSWR-S11

| Frequency (MHz) | 100  | 300  | 410  | 420  | 460  | 470  | 600  | 630  | 710  | 830  |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| YSAN026AA       | 1.04 | 1.07 | 1.07 | 1.07 | 1.06 | 1.06 | 1.03 | 1.03 | 1.01 | 1.04 |
| YSAN026BA       | 1.05 | 1.06 | 1.03 | 1.03 | 1.02 | 1.01 | 1.05 | 1.06 | 1.08 | 1.10 |
| YSAN026CA       | 1.07 | 1.05 | 1.01 | 1.01 | 1.03 | 1.04 | 1.09 | 1.09 | 1.08 | 1.03 |
| YSAN026DA       | 1.07 | 1.02 | 1.05 | 1.05 | 1.07 | 1.07 | 1.06 | 1.05 | 1.02 | 1.08 |
| YSAN026EA       | 1.07 | 1.01 | 1.07 | 1.08 | 1.07 | 1.07 | 1.02 | 1.04 | 1.08 | 1.06 |
| Frequency (MHz) | 900  | 960  | 1440 | 1710 | 1740 | 1880 | 1950 | 2140 | 2350 | 2450 |
| YSAN026AA       | 1.06 | 1.07 | 1.06 | 1.06 | 1.06 | 1.09 | 1.10 | 1.10 | 1.07 | 1.06 |
| YSAN026BA       | 1.09 | 1.07 | 1.12 | 1.06 | 1.06 | 1.08 | 1.11 | 1.12 | 1.08 | 1.09 |
| YSAN026CA       | 1.03 | 1.06 | 1.08 | 1.10 | 1.09 | 1.06 | 1.09 | 1.13 | 1.07 | 1.10 |
| YSAN026DA       | 1.09 | 1.08 | 1.06 | 1.10 | 1.09 | 1.05 | 1.08 | 1.11 | 1.08 | 1.10 |
| YSAN026EA       | 1.03 | 1.05 | 1.11 | 1.12 | 1.13 | 1.06 | 1.06 | 1.12 | 1.10 | 1.13 |
| Frequency (MHz) | 2600 | 3600 | 4700 | 5000 | 5500 | 6000 |      |      |      |      |
| YSAN026AA       | 1.06 | 1.10 | 1.20 | 1.20 | 1.24 | 1.27 |      |      |      |      |
| YSAN026BA       | 1.12 | 1.13 | 1.23 | 1.20 | 1.22 | 1.42 |      |      |      |      |
| YSAN026CA       | 1.13 | 1.13 | 1.17 | 1.24 | 1.32 | 1.38 |      |      |      |      |
| YSAN026DA       | 1.09 | 1.12 | 1.14 | 1.14 | 1.11 | 1.31 |      |      |      |      |
| YSAN026EA       | 1.07 | 1.10 | 1.18 | 1.18 | 1.25 | 1.19 |      |      |      |      |

### 3.2.2. VSWR-S22



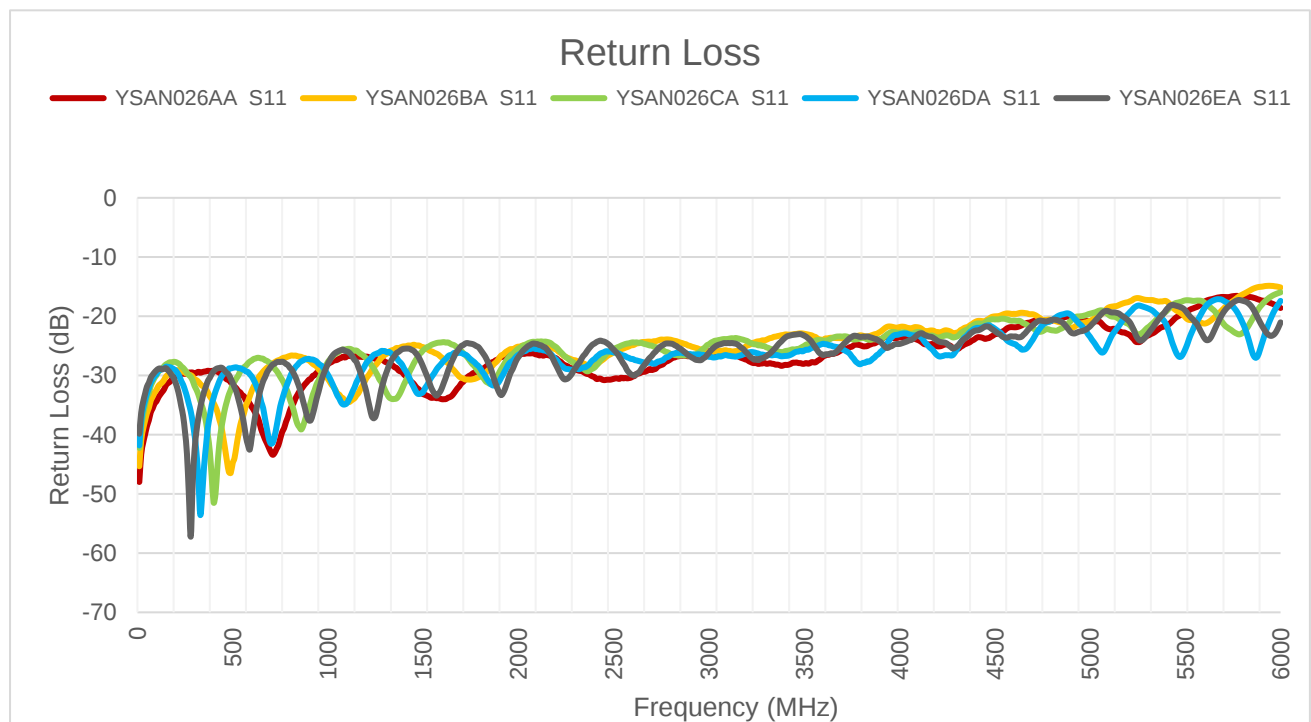
**VSWR-S22**

| Frequency (MHz) | 100  | 300  | 410  | 420  | 460  | 470  | 600  | 630  | 710  | 830  |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| YSAN026AA       | 1.04 | 1.06 | 1.06 | 1.06 | 1.05 | 1.05 | 1.02 | 1.02 | 1.03 | 1.06 |
| YSAN026BA       | 1.05 | 1.06 | 1.02 | 1.02 | 1.01 | 1.01 | 1.05 | 1.06 | 1.08 | 1.08 |
| YSAN026CA       | 1.07 | 1.05 | 1.01 | 1.02 | 1.04 | 1.05 | 1.08 | 1.08 | 1.06 | 1.04 |
| YSAN026DA       | 1.07 | 1.01 | 1.05 | 1.05 | 1.06 | 1.07 | 1.04 | 1.04 | 1.04 | 1.08 |
| YSAN026EA       | 1.07 | 1.02 | 1.06 | 1.07 | 1.06 | 1.05 | 1.04 | 1.05 | 1.08 | 1.05 |
| Frequency (MHz) | 900  | 960  | 1440 | 1710 | 1740 | 1880 | 1950 | 2140 | 2350 | 2450 |
| YSAN026AA       | 1.07 | 1.08 | 1.05 | 1.10 | 1.10 | 1.12 | 1.12 | 1.10 | 1.05 | 1.06 |
| YSAN026BA       | 1.07 | 1.06 | 1.11 | 1.09 | 1.09 | 1.13 | 1.14 | 1.12 | 1.10 | 1.13 |
| YSAN026CA       | 1.06 | 1.08 | 1.11 | 1.11 | 1.10 | 1.11 | 1.14 | 1.14 | 1.11 | 1.15 |
| YSAN026DA       | 1.08 | 1.06 | 1.07 | 1.10 | 1.09 | 1.09 | 1.13 | 1.11 | 1.13 | 1.14 |
| YSAN026EA       | 1.05 | 1.08 | 1.10 | 1.15 | 1.14 | 1.08 | 1.12 | 1.12 | 1.16 | 1.15 |

| Frequency (MHz) | 2600 | 3600 | 4700 | 5000 | 5500 | 6000 |  |  |  |  |
|-----------------|------|------|------|------|------|------|--|--|--|--|
| YSAN026AA       | 1.10 | 1.12 | 1.22 | 1.20 | 1.27 | 1.28 |  |  |  |  |
| YSAN026BA       | 1.17 | 1.12 | 1.26 | 1.24 | 1.26 | 1.45 |  |  |  |  |
| YSAN026CA       | 1.15 | 1.15 | 1.19 | 1.30 | 1.37 | 1.44 |  |  |  |  |
| YSAN026DA       | 1.09 | 1.16 | 1.16 | 1.17 | 1.20 | 1.39 |  |  |  |  |
| YSAN026EA       | 1.10 | 1.11 | 1.24 | 1.26 | 1.32 | 1.37 |  |  |  |  |

### 3.3. Return Loss

#### 3.3.1. Return Loss-S11

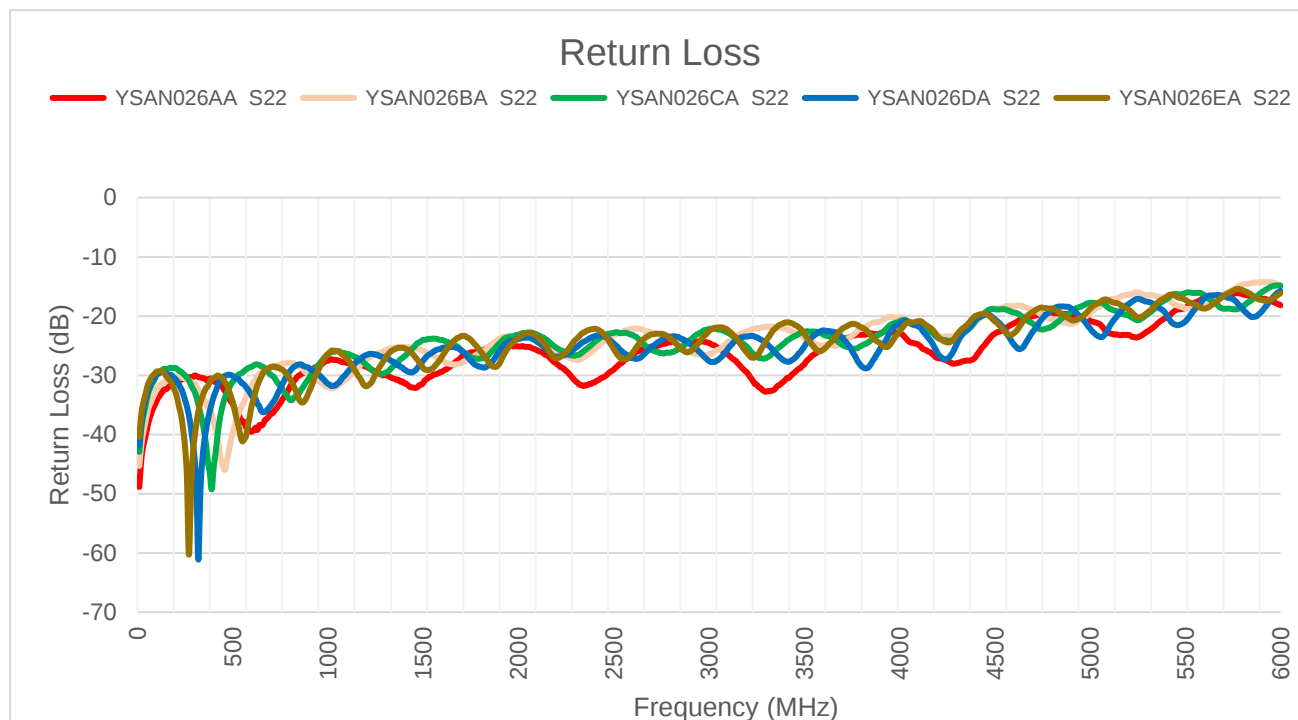


**Return Loss (dB)-S11**

| Frequency (MHz) | 100    | 300    | 410    | 420    | 460    | 470    | 600    | 630    | 710    | 830    |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| YSAN026AA       | -34.37 | -29.65 | -29.28 | -29.34 | -30.38 | -30.68 | -35.31 | -36.96 | -43.39 | -33.85 |
| YSAN026BA       | -32.43 | -30.66 | -35.32 | -36.17 | -42.34 | -44.47 | -32.60 | -30.75 | -27.96 | -26.64 |
| YSAN026CA       | -29.97 | -31.76 | -49.98 | -45.42 | -35.56 | -34.33 | -27.46 | -27.01 | -28.34 | -37.16 |

|                 |        |        |        |        |        |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| YSAN026DA       | -29.77 | -40.07 | -32.69 | -31.82 | -29.57 | -29.32 | -30.16 | -32.24 | -41.36 | -28.55 |
| YSAN026EA       | -29.13 | -42.66 | -28.96 | -28.79 | -29.27 | -29.61 | -40.46 | -34.79 | -28.16 | -30.28 |
| Frequency (MHz) | 900    | 960    | 1440   | 1710   | 1740   | 1880   | 1950   | 2140   | 2350   | 2450   |
| YSAN026AA       | -30.72 | -29.17 | -31.11 | -31.08 | -30.08 | -27.44 | -26.56 | -26.54 | -29.60 | -30.78 |
| YSAN026BA       | -27.45 | -29.22 | -24.93 | -30.48 | -30.69 | -27.82 | -25.70 | -24.90 | -28.09 | -27.16 |
| YSAN026CA       | -35.48 | -30.15 | -28.67 | -26.23 | -27.28 | -30.63 | -26.89 | -24.27 | -29.11 | -26.77 |
| YSAN026DA       | -27.19 | -28.22 | -31.33 | -26.34 | -26.99 | -31.62 | -28.02 | -25.79 | -28.61 | -26.04 |
| YSAN026EA       | -37.58 | -31.58 | -25.68 | -24.87 | -24.58 | -31.40 | -30.31 | -25.27 | -26.37 | -24.28 |
| Frequency (MHz) | 2600   | 3600   | 4700   | 5000   | 5500   | 6000   |        |        |        |        |
| YSAN026AA       | -30.18 | -26.78 | -20.86 | -20.85 | -19.40 | -18.60 |        |        |        |        |
| YSAN026BA       | -24.88 | -24.01 | -19.66 | -20.80 | -20.17 | -15.13 |        |        |        |        |
| YSAN026CA       | -24.40 | -24.11 | -22.00 | -19.56 | -17.32 | -15.95 |        |        |        |        |
| YSAN026DA       | -27.20 | -24.64 | -23.92 | -23.46 | -25.55 | -17.40 |        |        |        |        |
| YSAN026EA       | -29.92 | -26.57 | -21.49 | -21.70 | -19.04 | -21.03 |        |        |        |        |

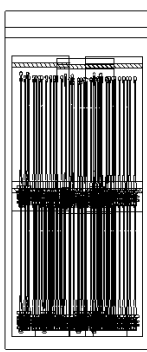
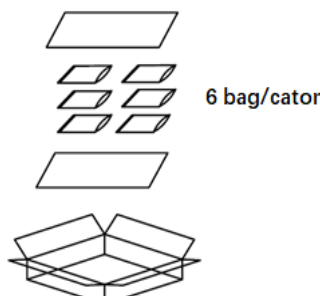
### 3.3.2. Return Loss-S22

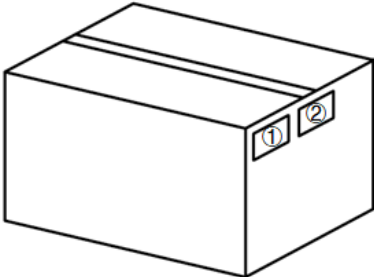
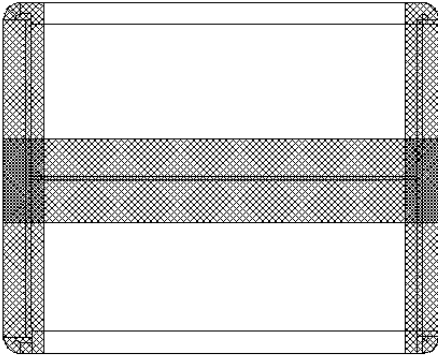


**Return Loss (dB)-S22**

| Frequency (MHz) | 100    | 300    | 410    | 420    | 460    | 470    | 600    | 630    | 710    | 830    |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| YSAN026AA       | -34.39 | -30.04 | -31.17 | -31.07 | -32.74 | -33.07 | -39.52 | -39.24 | -36.44 | -30.66 |
| YSAN026BA       | -32.44 | -31.36 | -39.12 | -40.38 | -45.99 | -44.49 | -31.71 | -30.13 | -28.44 | -28.19 |
| YSAN026CA       | -29.98 | -32.76 | -43.24 | -40.31 | -33.69 | -32.91 | -28.58 | -28.18 | -30.14 | -33.55 |
| YSAN026DA       | -29.93 | -44.04 | -32.81 | -31.89 | -30.09 | -29.99 | -33.44 | -34.82 | -34.62 | -28.42 |
| YSAN026EA       | -29.40 | -40.61 | -30.34 | -30.02 | -31.20 | -31.67 | -35.11 | -31.70 | -28.58 | -32.57 |
| Frequency (MHz) | 900    | 960    | 1440   | 1710   | 1740   | 1880   | 1950   | 2140   | 2350   | 2450   |
| YSAN026AA       | -29.18 | -28.27 | -32.05 | -26.70 | -26.29 | -24.67 | -24.71 | -26.55 | -31.67 | -30.27 |
| YSAN026BA       | -29.85 | -31.12 | -25.38 | -27.73 | -27.24 | -24.32 | -23.51 | -24.70 | -26.86 | -24.25 |
| YSAN026CA       | -30.54 | -27.90 | -25.55 | -26.04 | -26.76 | -25.32 | -23.49 | -23.86 | -25.72 | -23.32 |
| YSAN026DA       | -28.74 | -30.12 | -29.53 | -26.09 | -27.17 | -26.93 | -24.27 | -25.48 | -24.24 | -23.49 |
| YSAN026EA       | -32.84 | -28.43 | -26.26 | -23.35 | -23.75 | -28.60 | -25.16 | -24.93 | -22.66 | -23.13 |

| Frequency<br>(MHz) | 2600   | 3600   | 4700   | 5000   | 5500   | 6000   |  |  |  |  |
|--------------------|--------|--------|--------|--------|--------|--------|--|--|--|--|
| YSAN026AA          | -26.45 | -25.26 | -20.04 | -20.78 | -18.61 | -18.19 |  |  |  |  |
| YSAN026BA          | -22.14 | -24.97 | -18.92 | -19.47 | -18.74 | -14.80 |  |  |  |  |
| YSAN026CA          | -23.22 | -23.13 | -21.31 | -17.76 | -16.12 | -14.88 |  |  |  |  |
| YSAN026DA          | -27.10 | -22.42 | -22.63 | -22.11 | -20.92 | -15.74 |  |  |  |  |
| YSAN026EA          | -26.17 | -25.66 | -19.29 | -18.78 | -17.27 | -16.12 |  |  |  |  |

| Step | Packaging picture / 2D picture                                                                                             | Description                                                                                                                                                                |
|------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    |  <p>25PCS/BAG(Including accessories)</p> | 25 products and accessories are put into small PE bags                                                                                                                     |
| 2    |                                         | 20 small PE bags in a big PE bag;<br>500 pcs products in a big PE bag                                                                                                      |
| 3    |  <p>6 bag/carton</p>                    | Place a clapboard at the bottom and top,<br>(6 big PE bags per carton box)<br>(3000 pcs antennas per carton box)<br><br><u>Carton size: L × W × H = 300 × 260 × 230 mm</u> |

|   |                                                                                   |                                                                                             |
|---|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 4 |  | <p><b>Position for Attaching Labels---</b></p> <p>① Carton label</p> <p>② Quality label</p> |
| 5 |  | <p><b>Sealing Cartons---</b></p> <p>“<math>\Gamma</math>” type sealing cartons</p>          |

# Contact Us

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## Revision History

| Version | Date       | Author                                             | Note                                     |
|---------|------------|----------------------------------------------------|------------------------------------------|
| -       | 2022-08-08 | Sly Liu                                            | Creation of the document                 |
| 1.0     | 2022-08-08 | Sly Liu                                            | First official release                   |
| 2.0     | 2023-06-09 | Tina Gan/<br>Lucky Feng/<br>David Liu/<br>Aria Chu | Updated all data and datasheet templates |



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