



GSM/GPS/UMTS/WiFi ANTENNA

Antenna GSM/GPS/UMTS/WiFi
Mounting R41, RG174/1.5m,
2x SMA(m), SMA-RP(f)

AO-AKOM-41SSSRP15

SECTRON company offers a wide portfolio of GSM/GPS/UMTS/Wi-Fi antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



BENEFITS

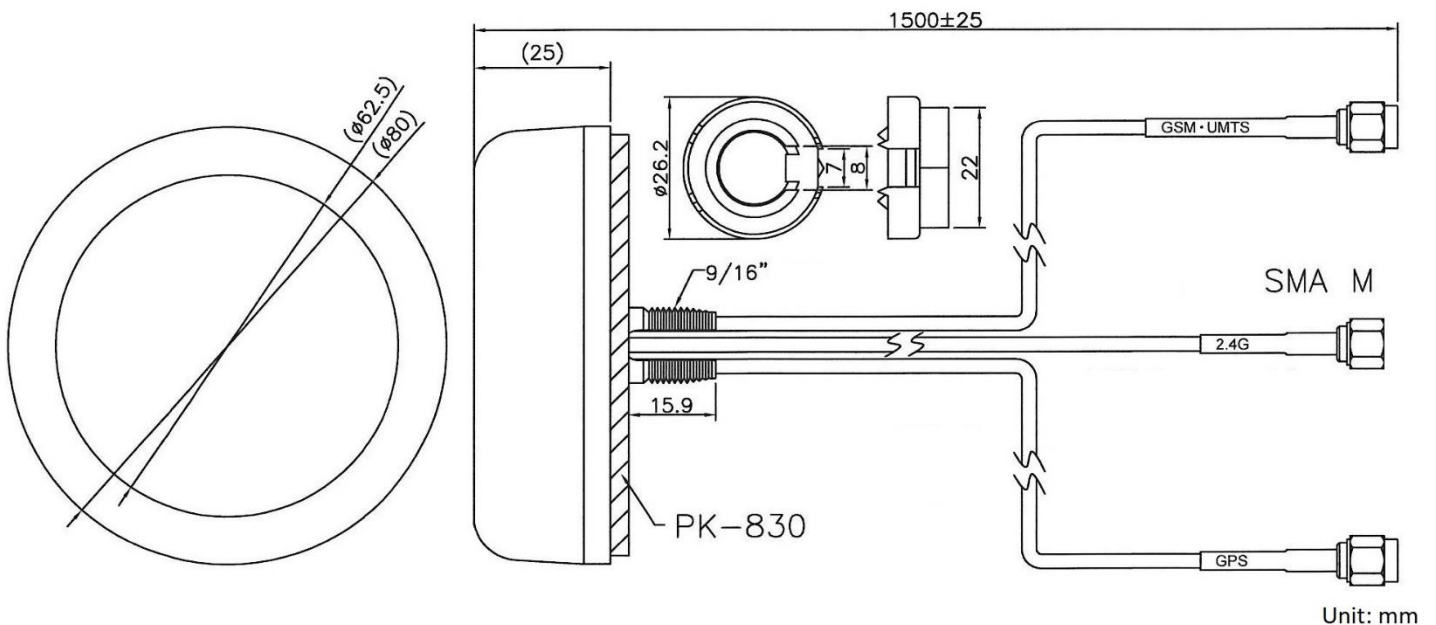
- Easy installation
- High frequency range
- High gain

FEATURES

AO-AKOM-41SSSRP15

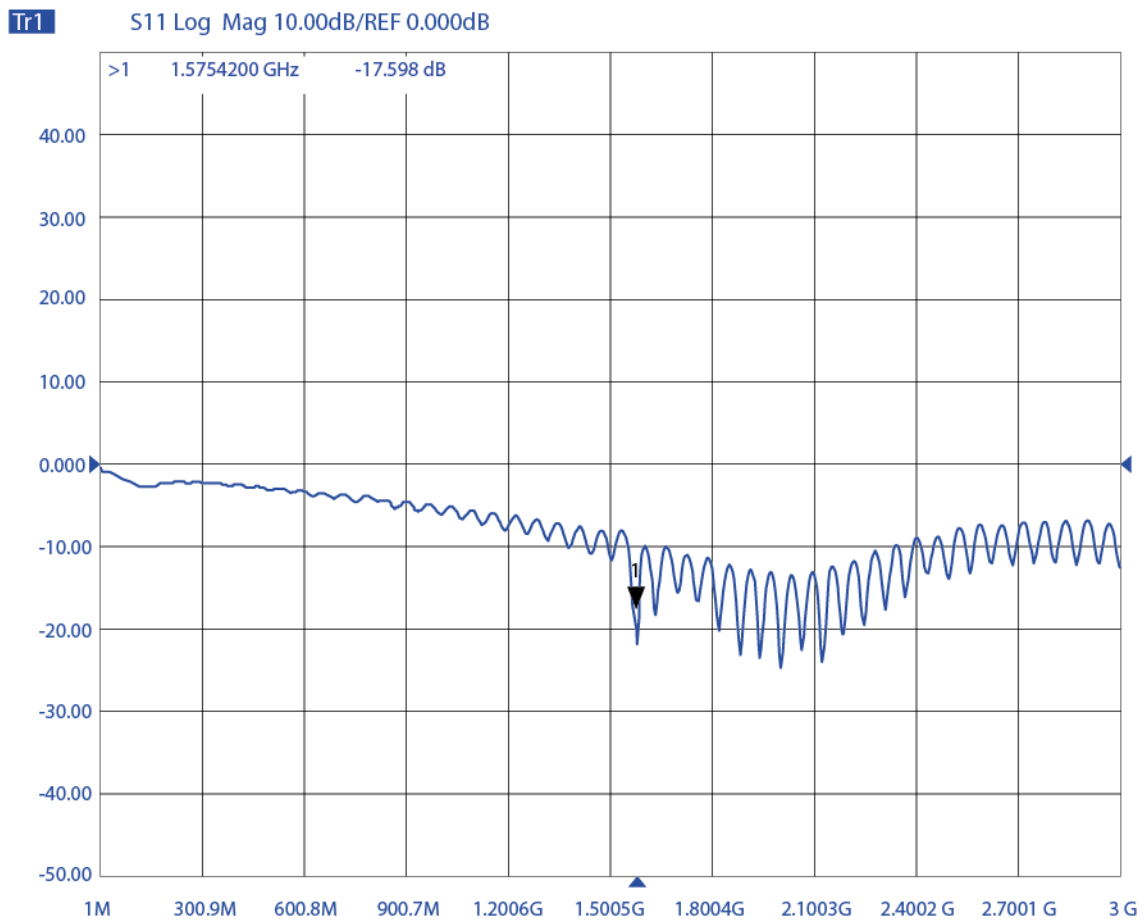
| | |
|-----------------------|---------------------------------------|
| Technology | GSM/GPS/UMTS/WIFI |
| Frequency bands | 900/1575.42/1800/2100/2400 MHz |
| Bandwidth | - |
| Gain | 0.2/32/8/6 dBi |
| LNA Gain | 30 dBi |
| VSWR | <2.0:1 |
| Impedance | 50 Ohm |
| Directivity | Directional |
| Beam angle | Attached graphs below |
| Polarization | Linear |
| Maximum input power | 10 W |
| Power voltage | - |
| Dimensions | Ø 80 x 25 mm |
| Weight | 160.6 g |
| Operating temperature | -30 to +90 °C |
| Execution | External |
| Method of attachment | Connector mount |
| Cable type | 3 x RG174U |
| The cable length | 3 x 1.5 m |
| Connector type | 2 x SMA(m) – GSM/GPS, 1x SMA RP Wi-Fi |
| Certification | ISO 9001, ISO 14001 |

DRAWING

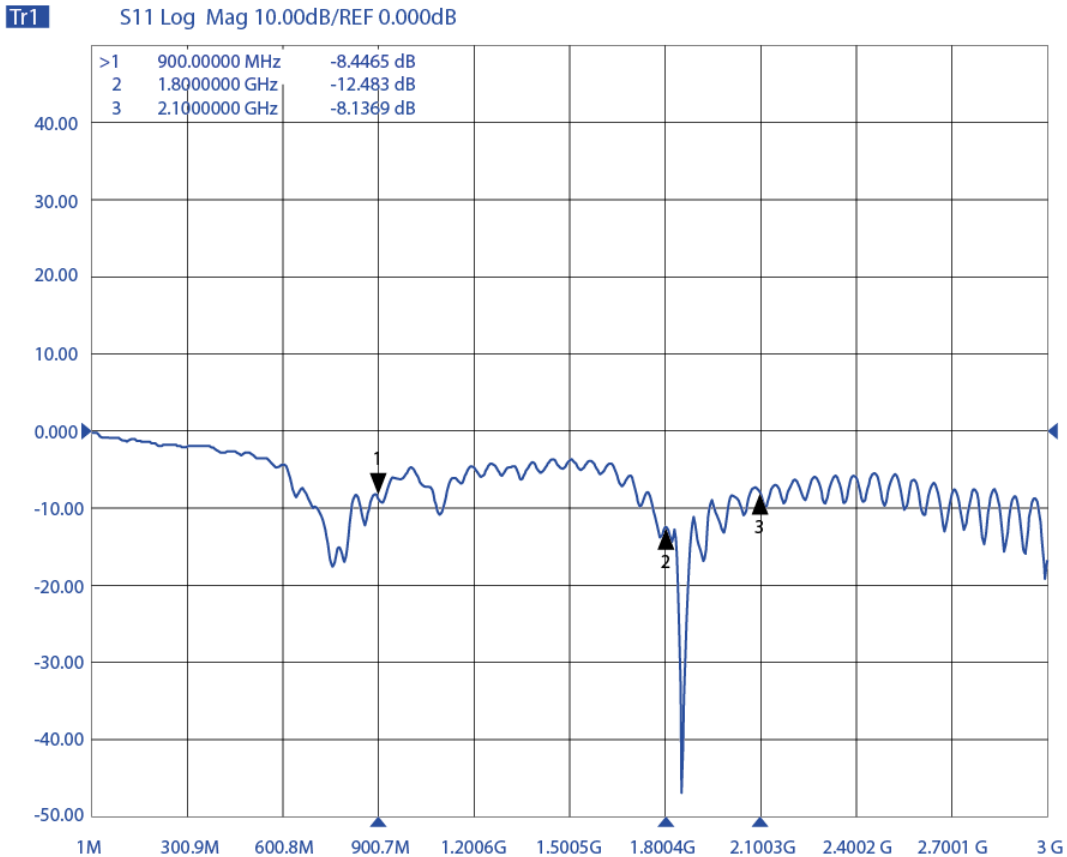


| Frequency [MHz] | Return Loss [dB] | VSWR | Efficiency [%] | Gain [dBi] |
|-----------------|------------------|------|----------------|------------|
| 1575.42 (GPS) | -17.59 | 1.3 | - | 32.27 |
| 900 (GSM) | -8.44 | 2.23 | 40.83 | 0.21 |
| 1800 (UMTS) | -12.48 | 1.61 | 79.62 | 8.52 |
| 2100 (UMTS) | -8.13 | 2.29 | 26.18 | 2.47 |
| 2400 (Wi-Fi) | -12.29 | 1.64 | 59.43 | 6.2 |
| 2450 | -17.34 | 1.36 | 54.2 | 4.91 |
| 2500 | -20.43 | 1.21 | 47.21 | 4.33 |

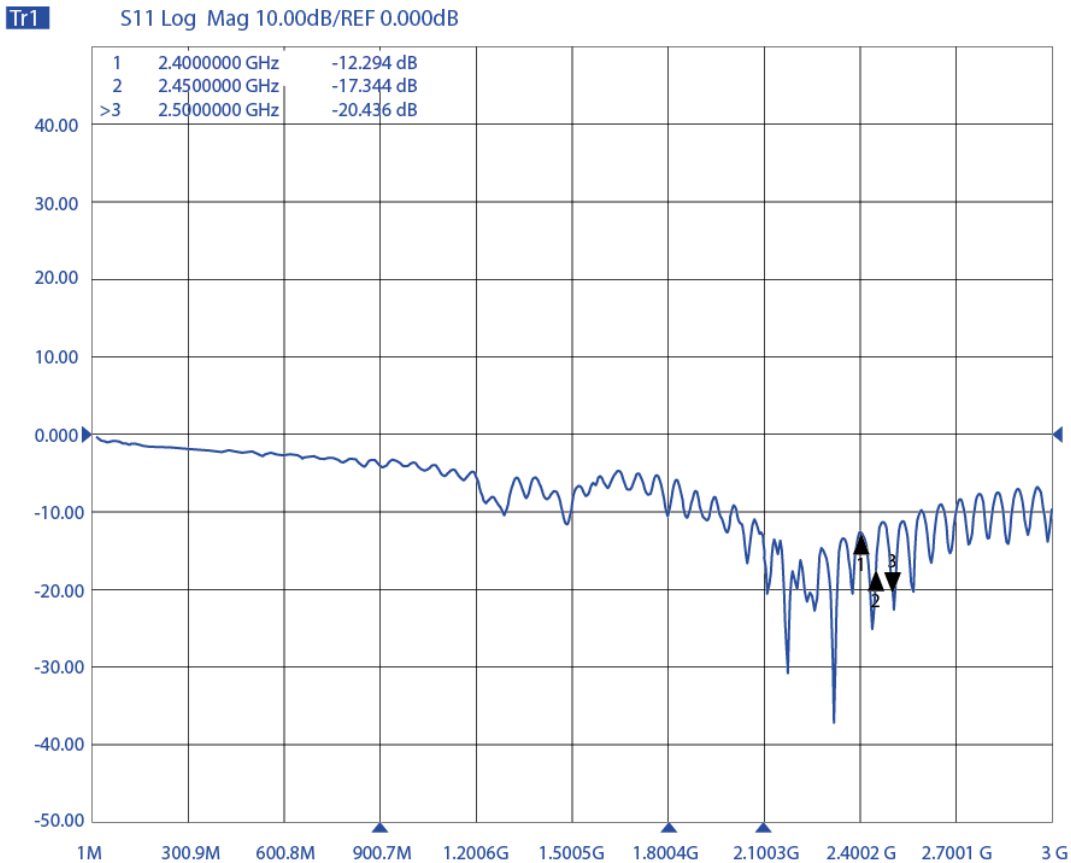
S11-GPS



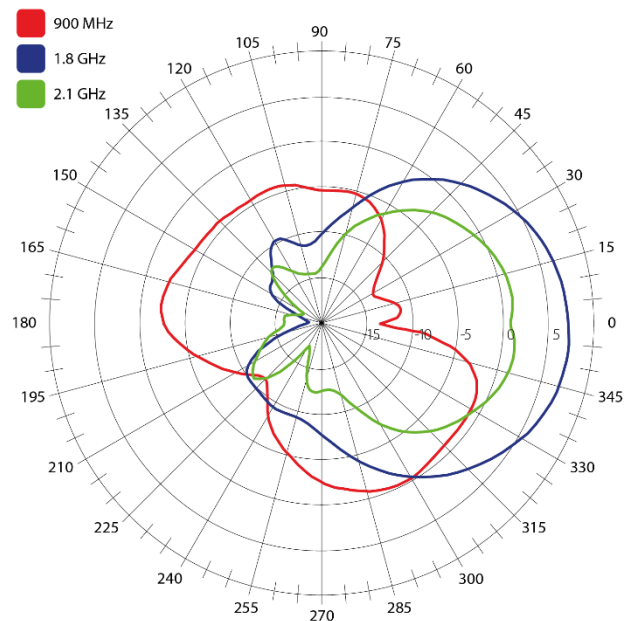
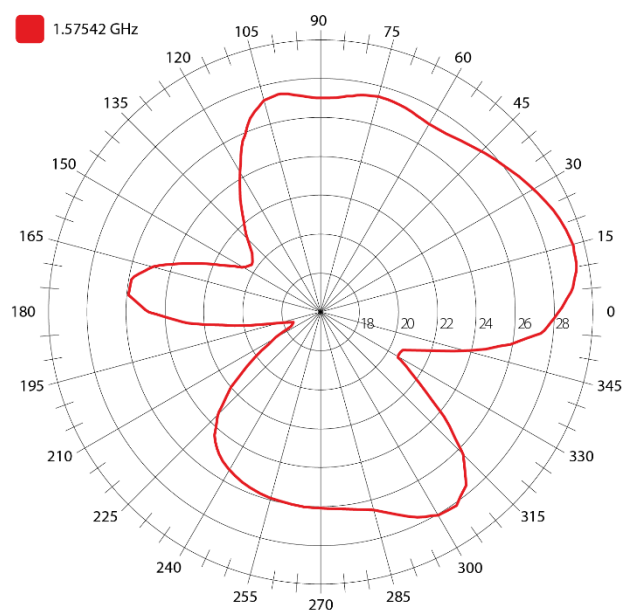
S11-GSM/UMTS



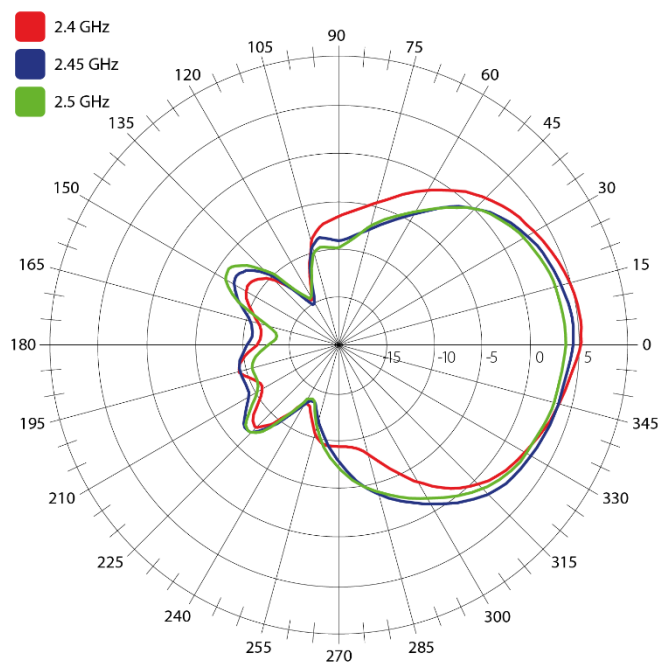
S11-



Wi-Fi



RADIATION PATTERN



VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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