



ANTENNA BASE

Magnetic base for antenna
with SMA-RP(f) RG174 cable
with SMA-RP(m) connector

AO-ABASE-C16R

SECTRON company offers a wide portfolio of 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
- Strong magnetic attachment
- Extended cable length
- High frequency range – suitable for LTE antennas

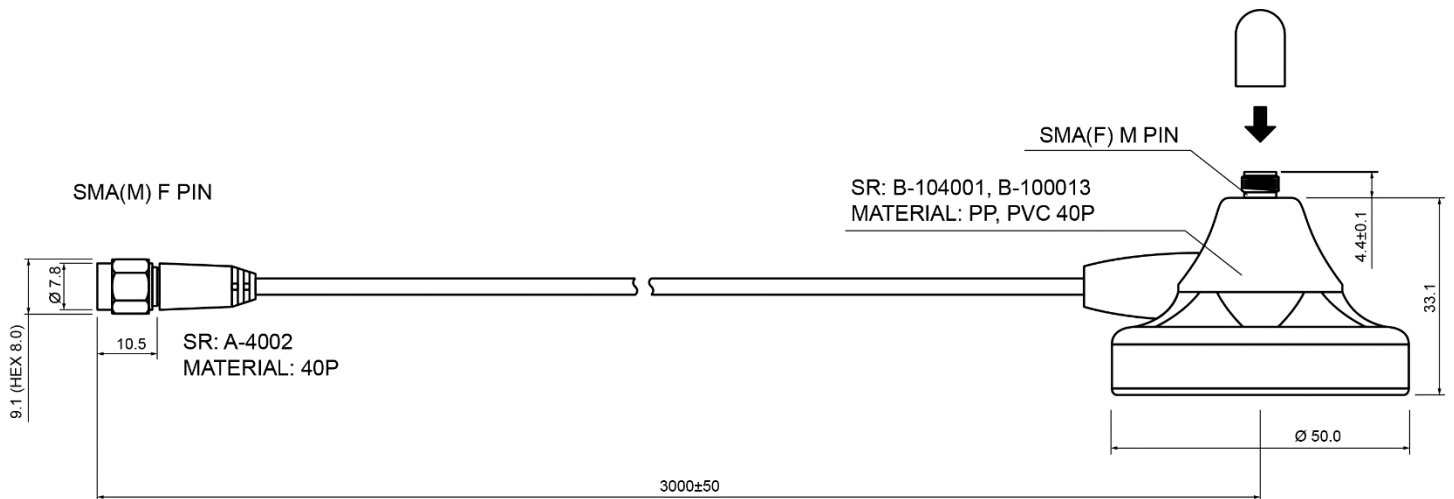


FEATURES

AO-ABASE-C16R

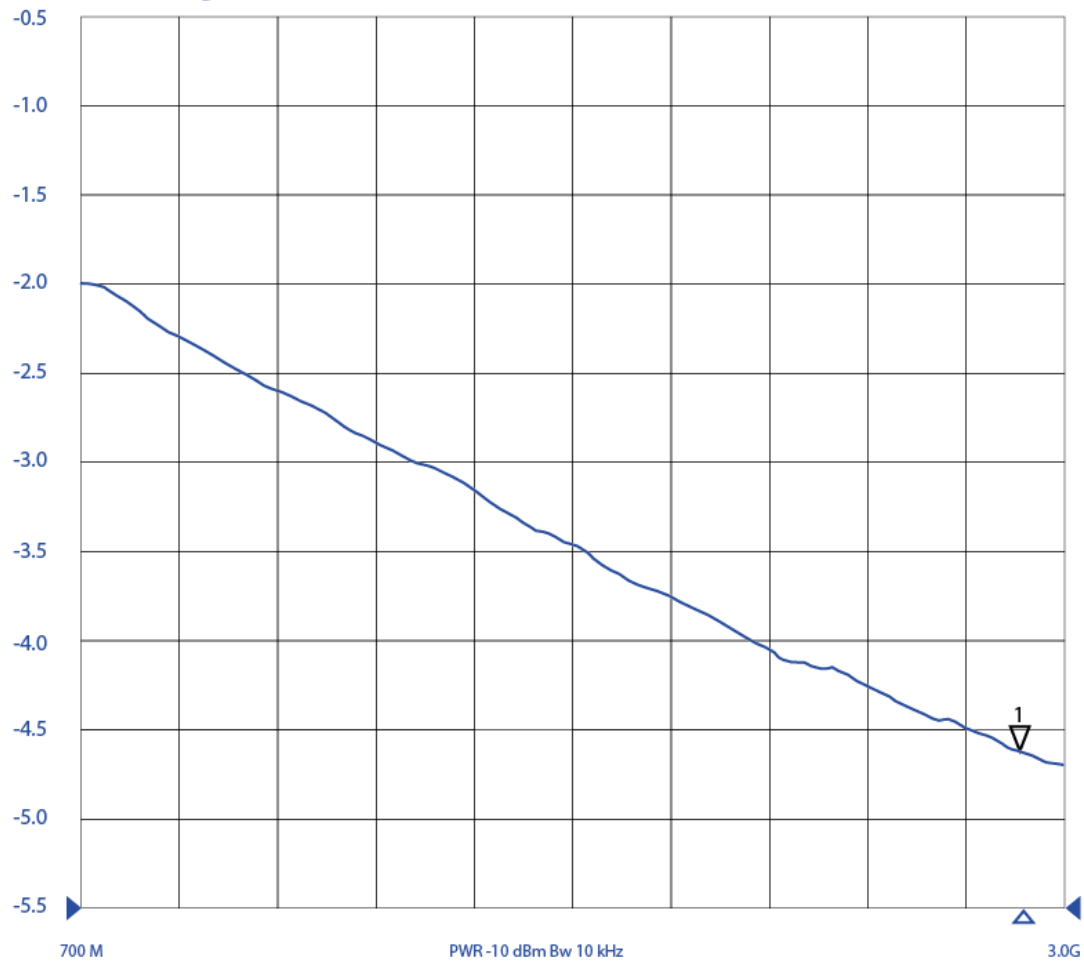
| | |
|---------------------------|---------------------|
| Frequency bands | GSM/UMTS/LTE |
| Impedance | 50 Ohm |
| Max. Base attenuation | < 4.7 dB/3 GHz/3 m |
| VSWR | < 1.35:1/3 GHz |
| Dimensions | Ø 50 x 33.2 mm |
| Weight | 136.2 g |
| Operating temperature | -40 to +85 °C |
| Execution | External |
| Method of attachment | Magnetic |
| Cable type | RG174/U |
| The cable length | 3 m |
| Connector type on cable | SMA-RP(pin-f) |
| Connector for antenna rod | SMA-RP(pin-m) |
| Certification | ISO 9001, ISO 14001 |
| Material | PP PVC 40P |

DRAWING



GRAPH S21 – Base Attenuation [dB]

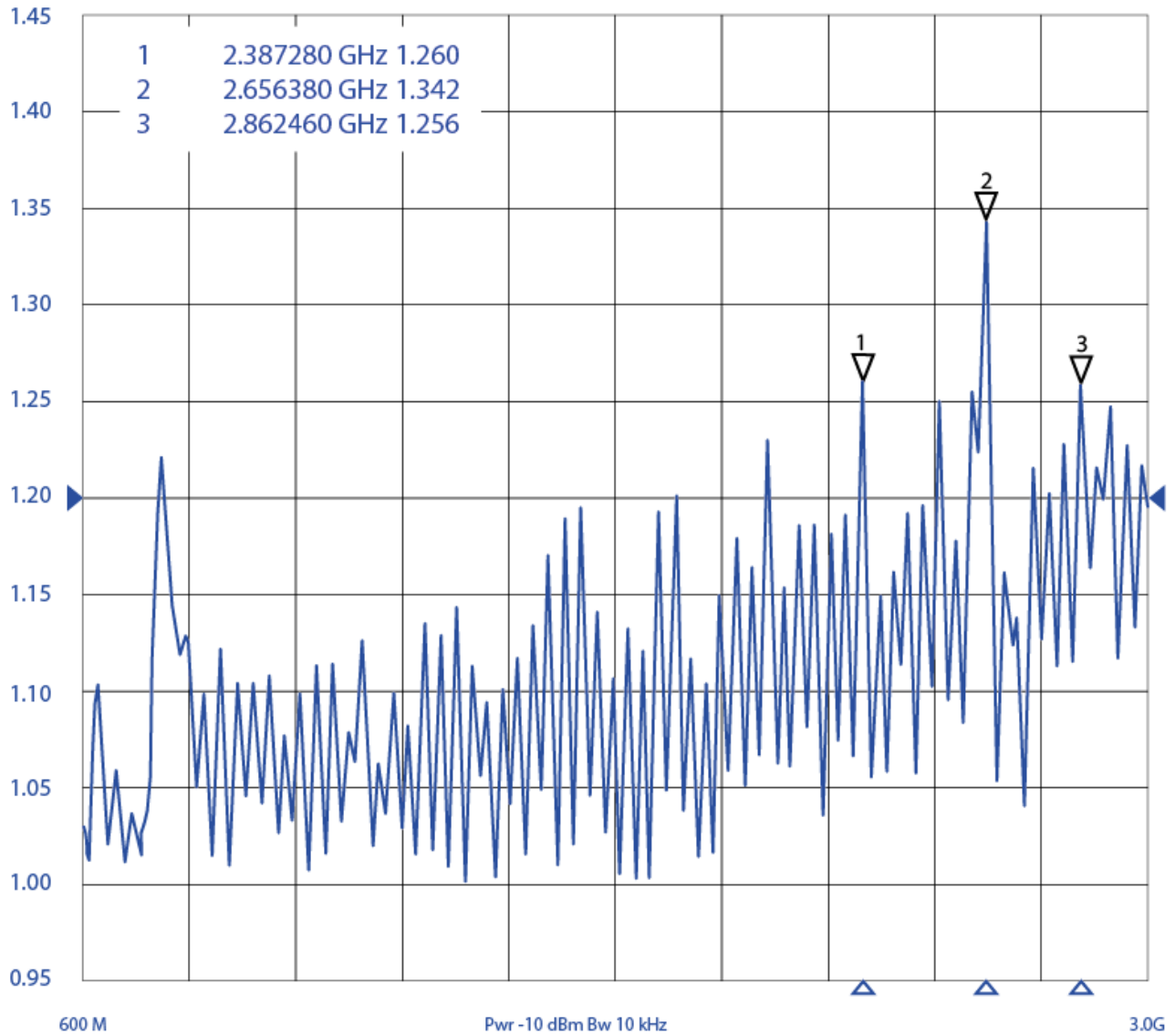
Tr3 S21 dB Mag 0.5 dB/Ref -3 dB Cal Smo



| Frequency [MHz] | AO-ABASE-C16-S ₂₁ [dB] |
|-----------------|-----------------------------------|
| 690 | -1.9 |
| 800 | -2.25 |
| 900 | -2.06 |
| 1800 | -3.4 |
| 1900 | -3.46 |
| 2100 | -3.7 |
| 2300 | -4.01 |
| 2400 | -4.13 |
| 2600 | -4.24 |
| 2700 | -4.34 |

GRAPH VSWR [-]

Trc2 S11 SWR 50 mU/Ref 1.2 U Cal



VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

SECTRON s.r.o. Josefa Šavla 1271/12
709 00 Ostrava 9, Czech Republic

WWW.SECTRON.CZ
Tel.: +420 556 621 020