



ANTENNA BASE

Magnetic base for antenna
with SMA(f) RG174/U cable
with SMA(m) connector

AO-ABASE-C16

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

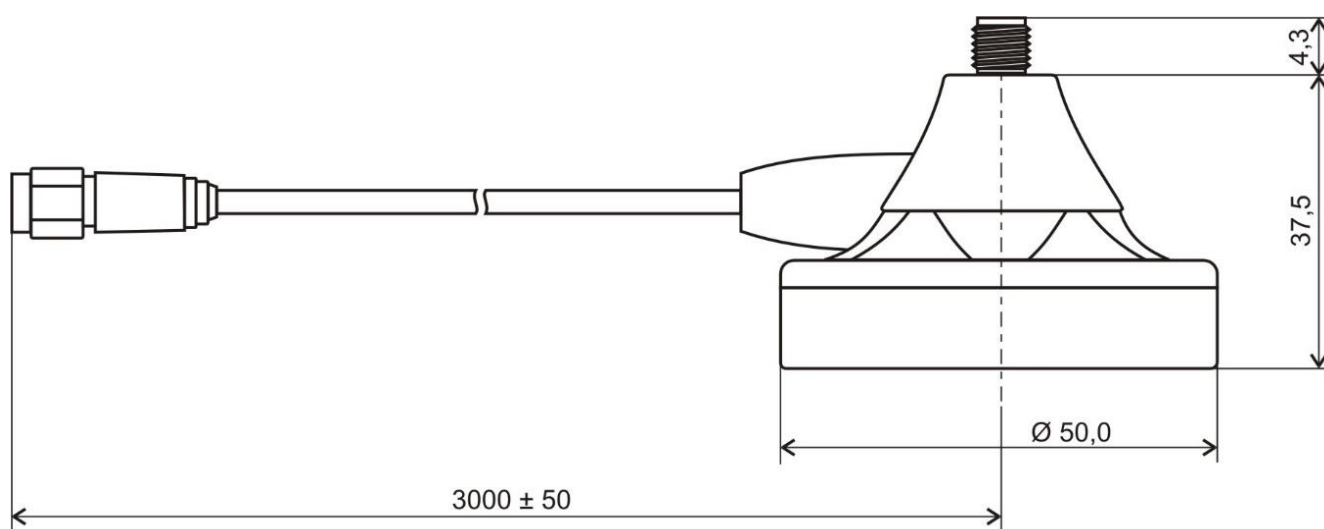
- Easy installation
- Strong magnetic attachment
- Extended cable length
- High frequency range – suitable for LTE antennas

FEATURES

AO-ABASE-C16

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	120.8 g
Operating temperature	-30 to +90 °C
Execution	External
Method of attachment	Magnetic
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)
Connector for antenna	SMA(f)
Certification	ISO 9001, ISO 14001
Material	PP PVC 40P

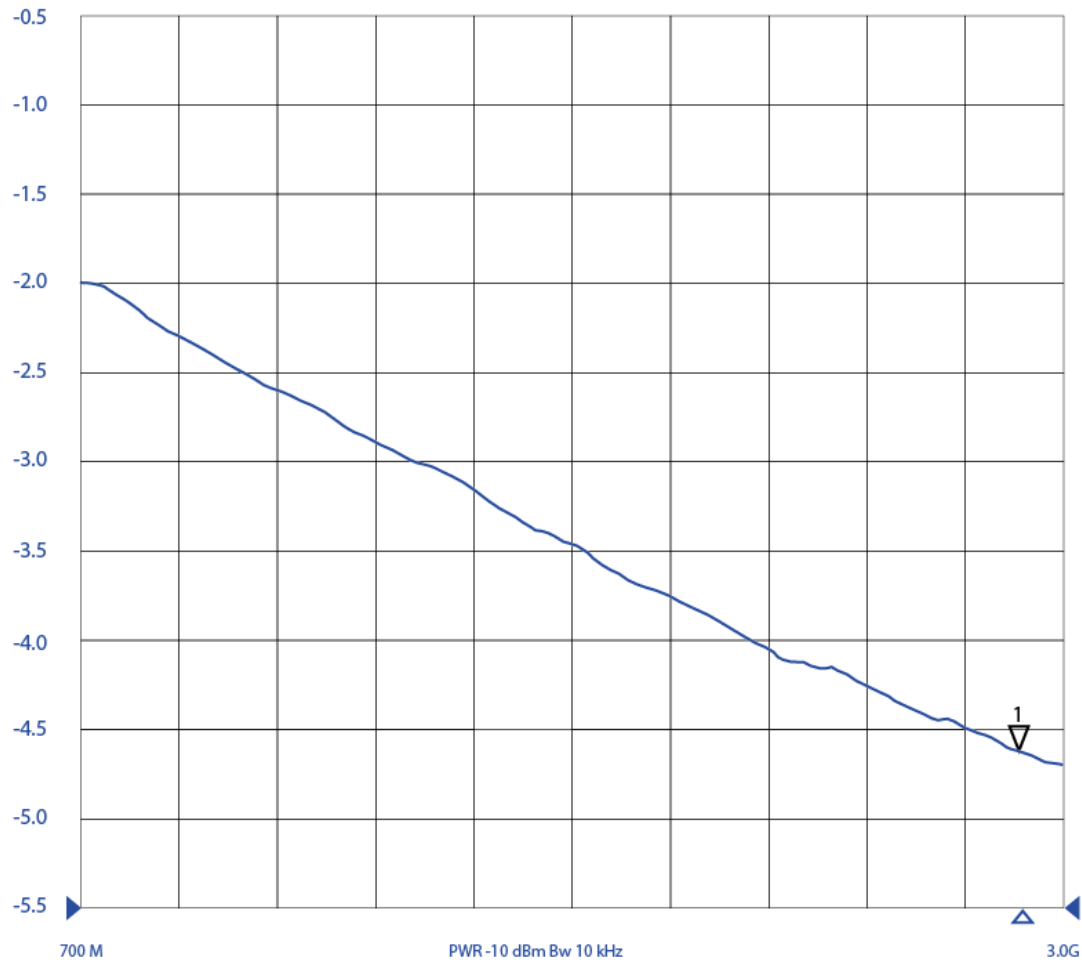
DRAWING



UNIT: mm

GRAPH S21 – Base Attenuation [dB]

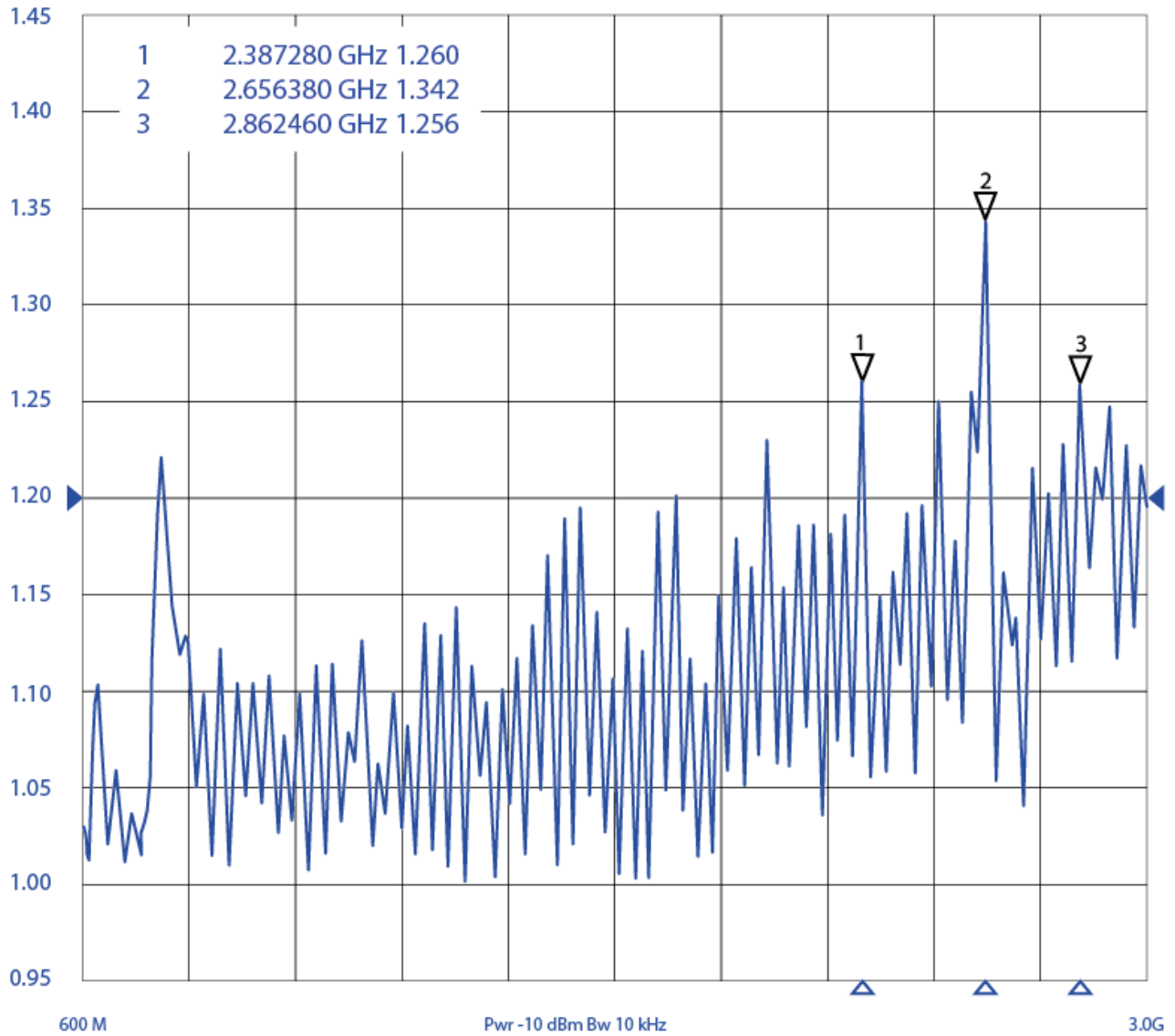
Tr3 S21 dB Mag 0.5 dB/Ref -3 dB Cal Smo



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

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